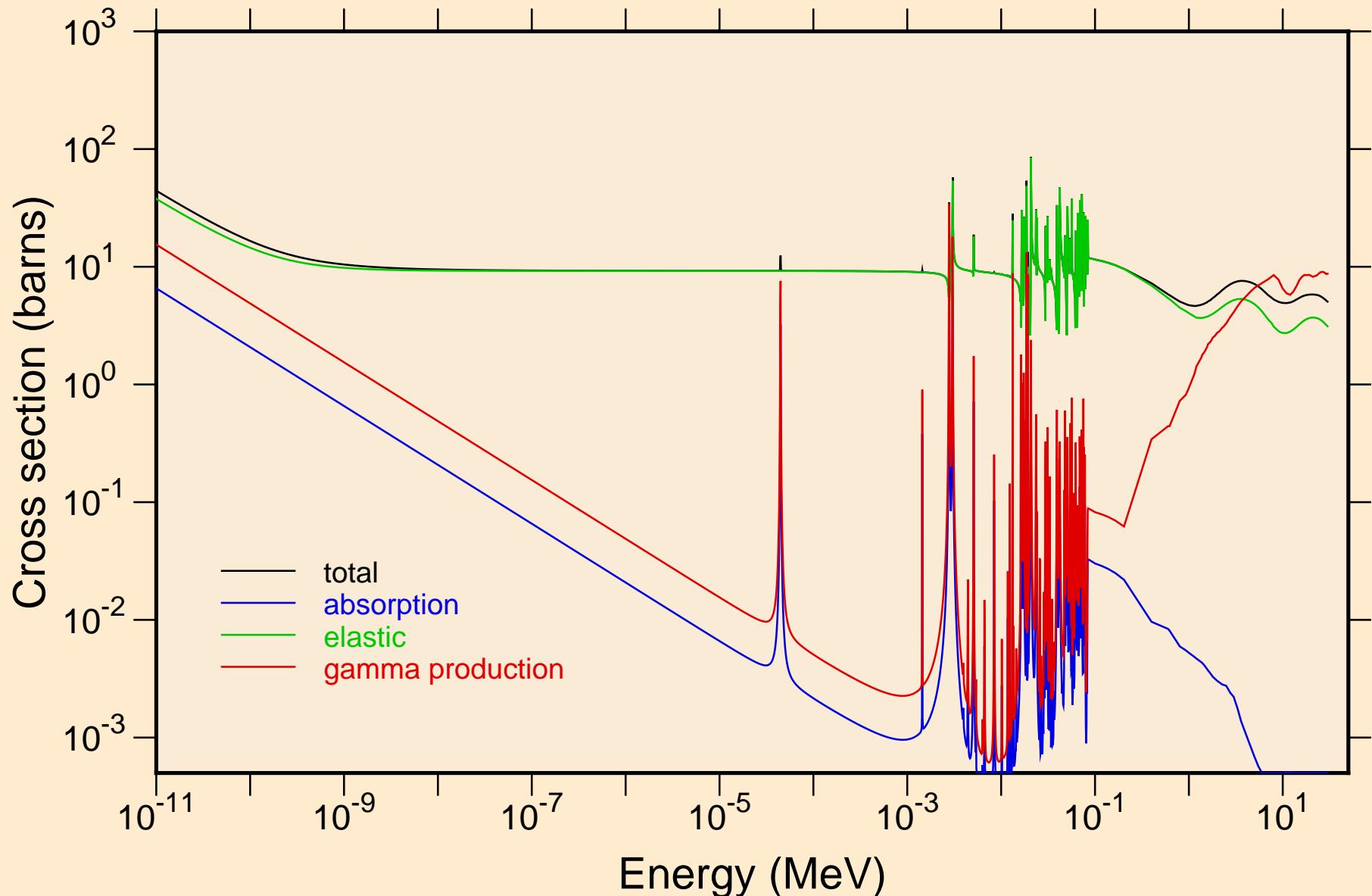


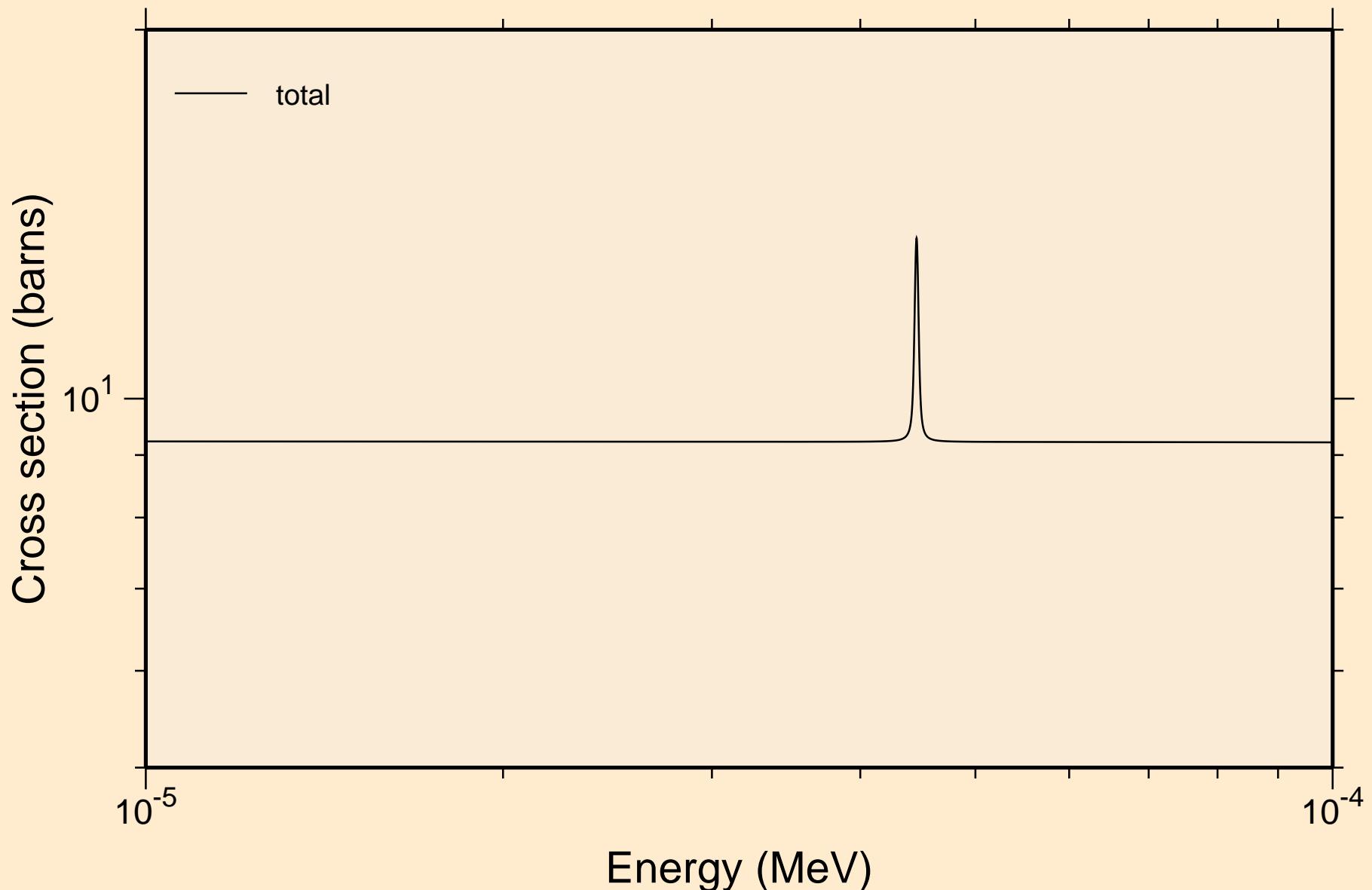
ADVANCE CALCULATIONS

Principal cross sections



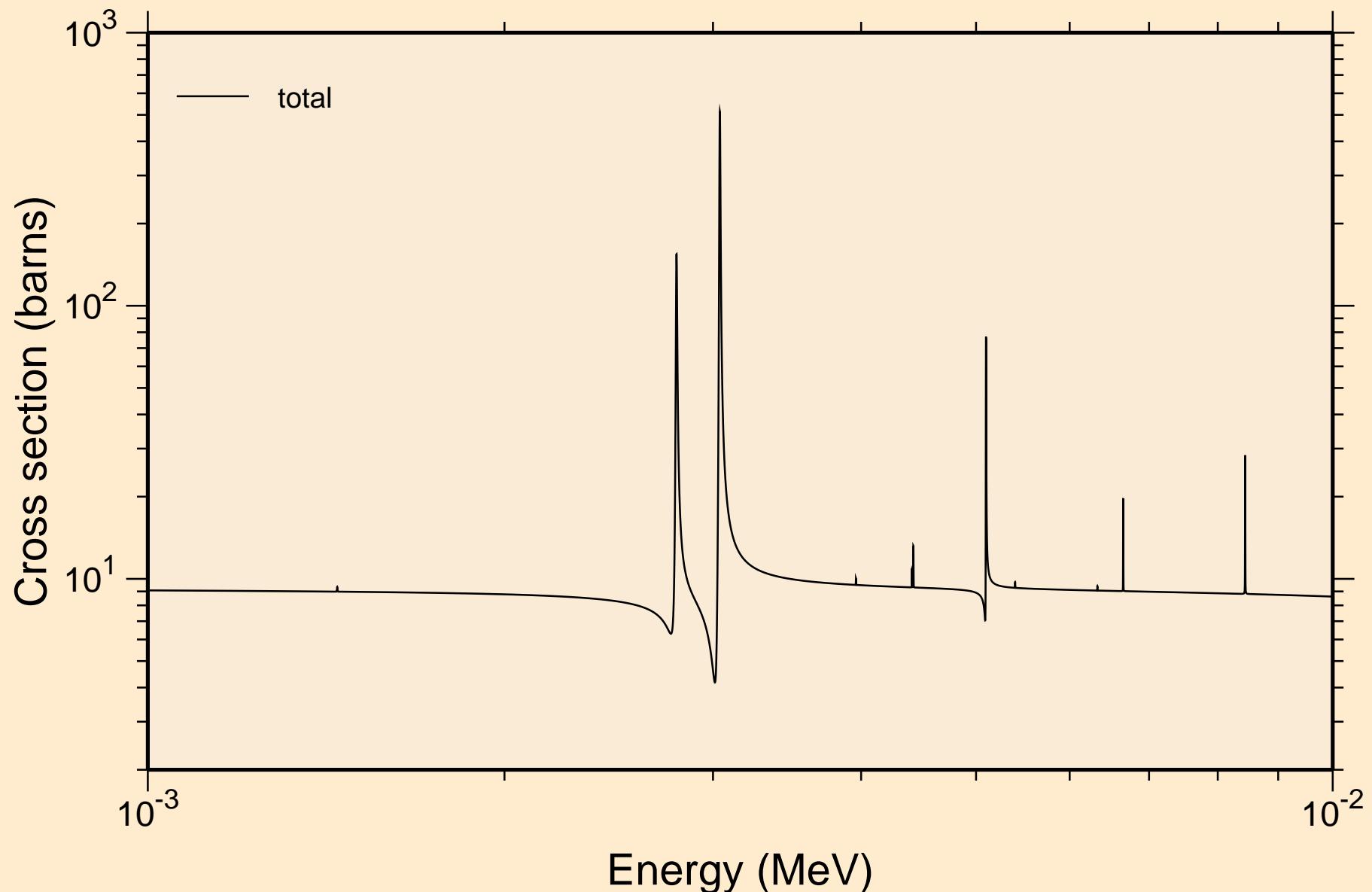
ADVANCE CALCULATIONS

resonance total cross section



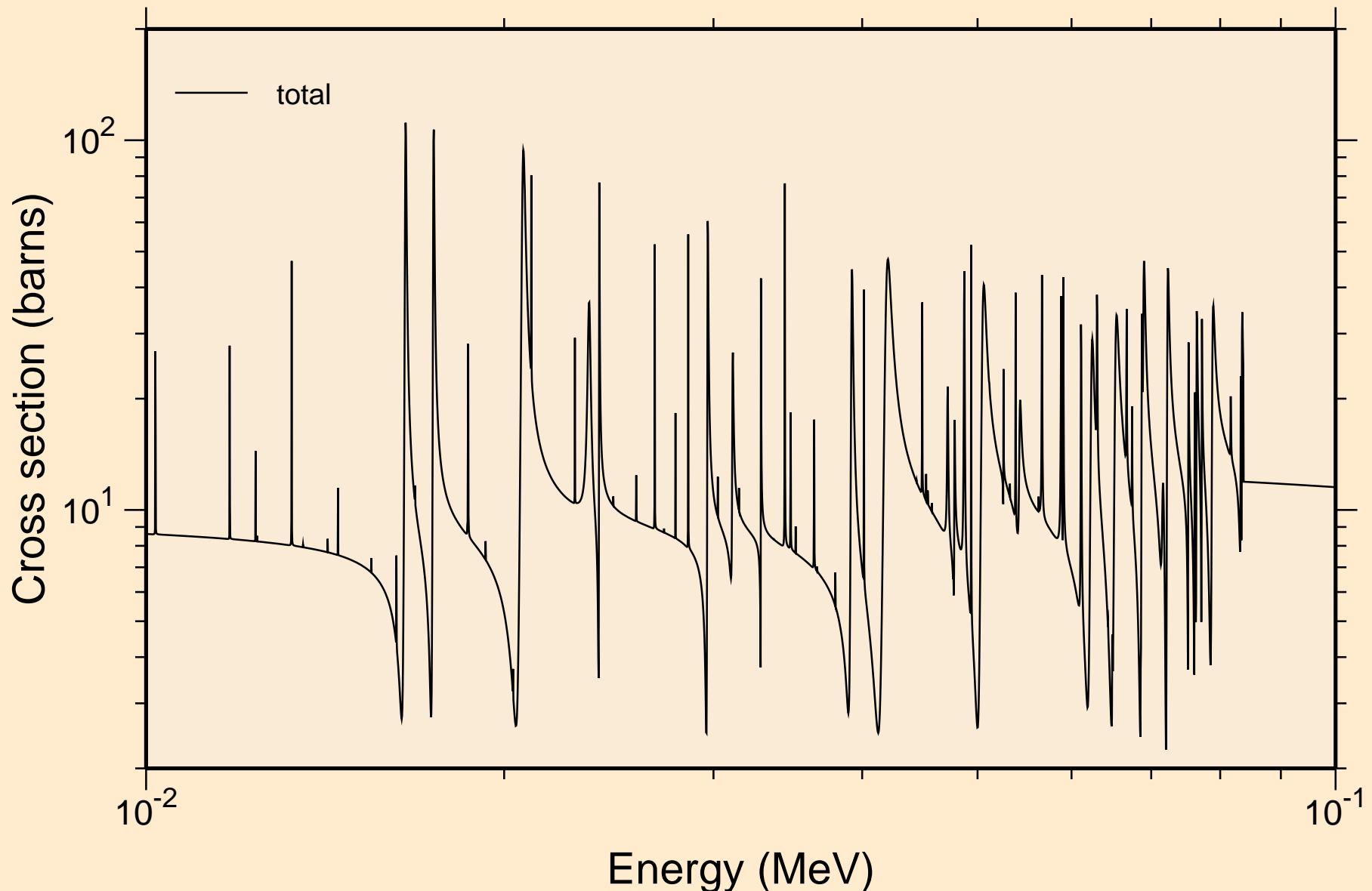
ADVANCE CALCULATIONS

resonance total cross section



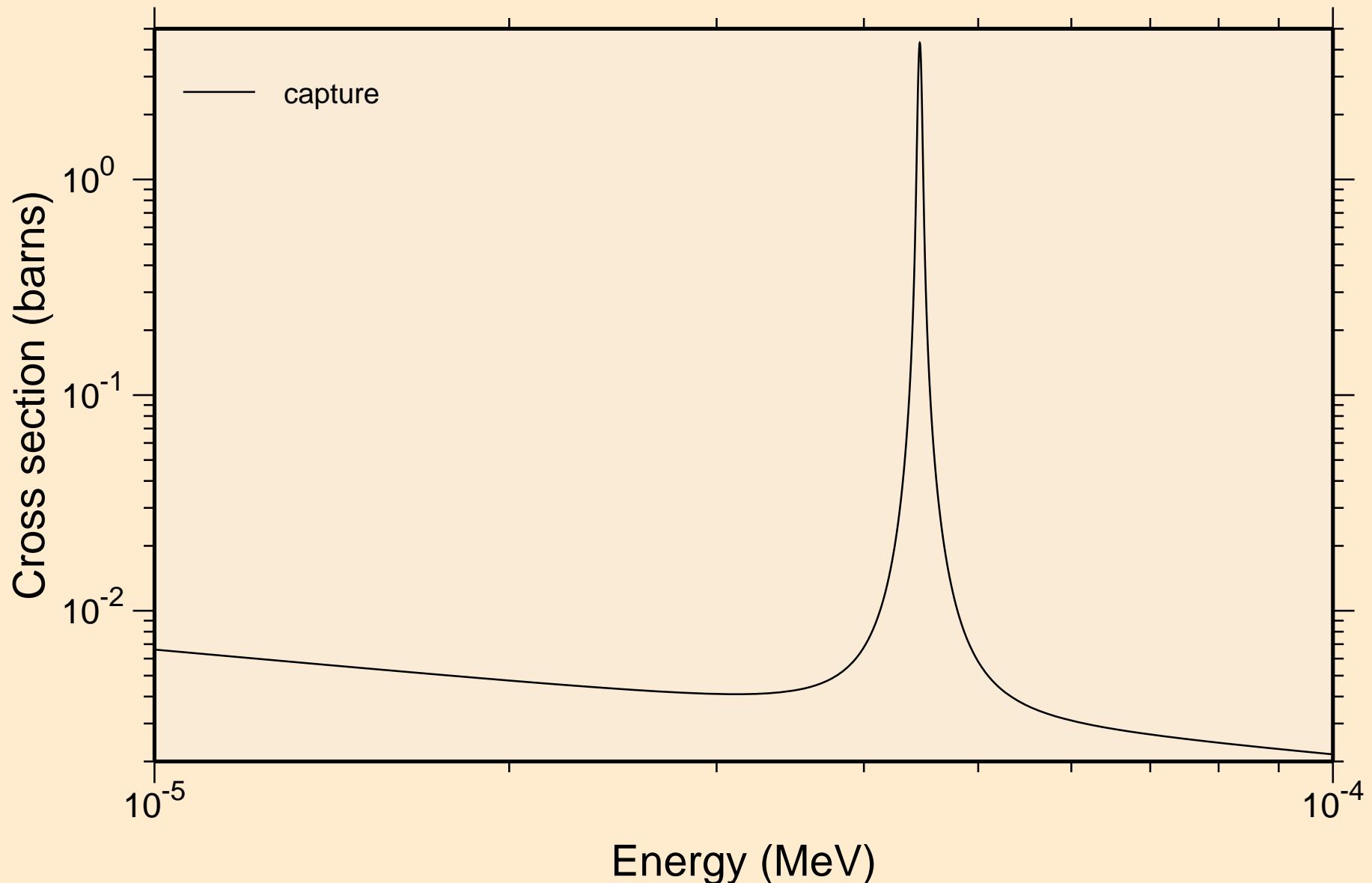
ADVANCE CALCULATIONS

resonance total cross section



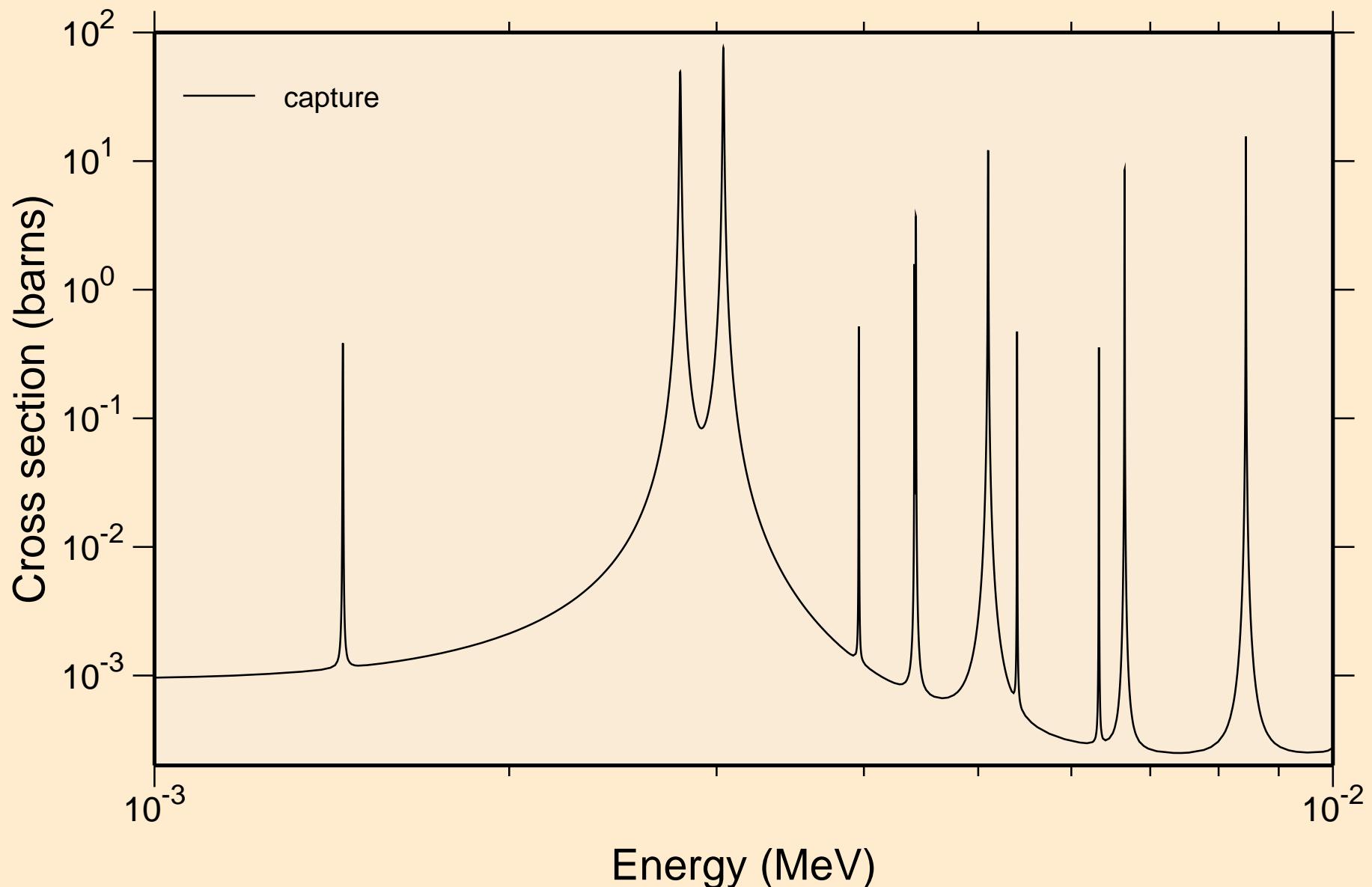
ADVANCE CALCULATIONS

resonance absorption cross sections



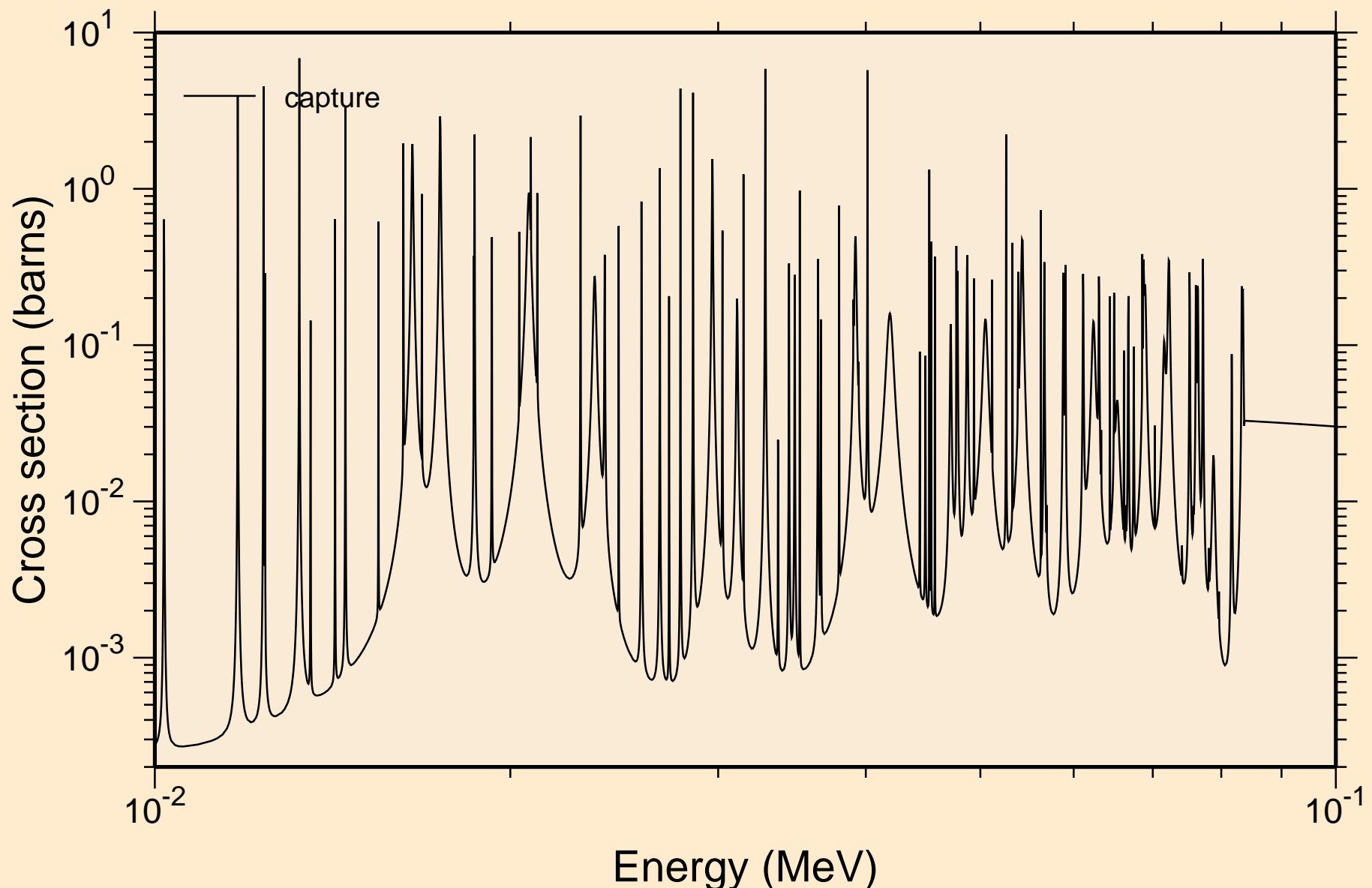
ADVANCE CALCULATIONS

resonance absorption cross sections



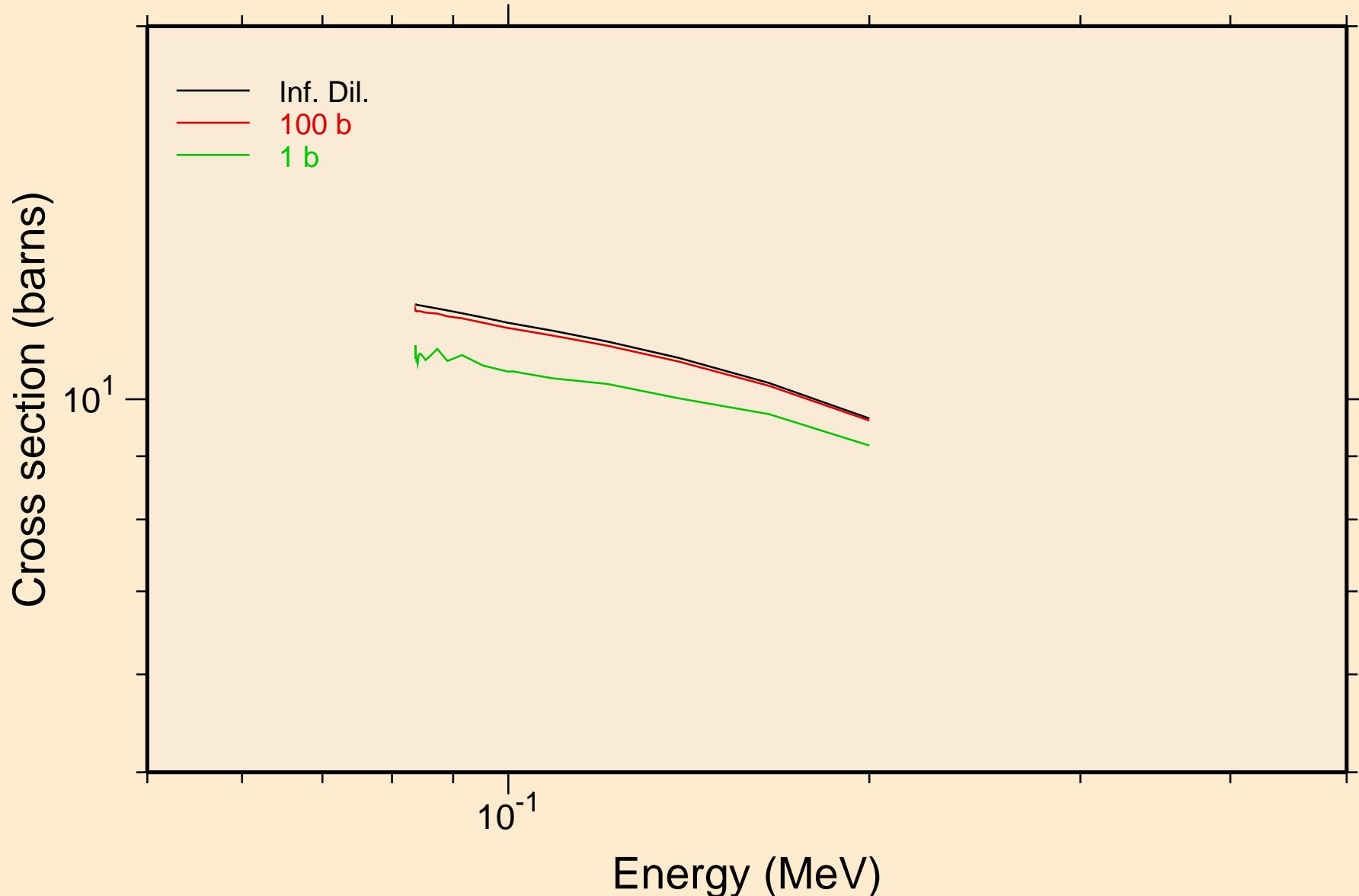
ADVANCE CALCULATIONS

resonance absorption cross sections



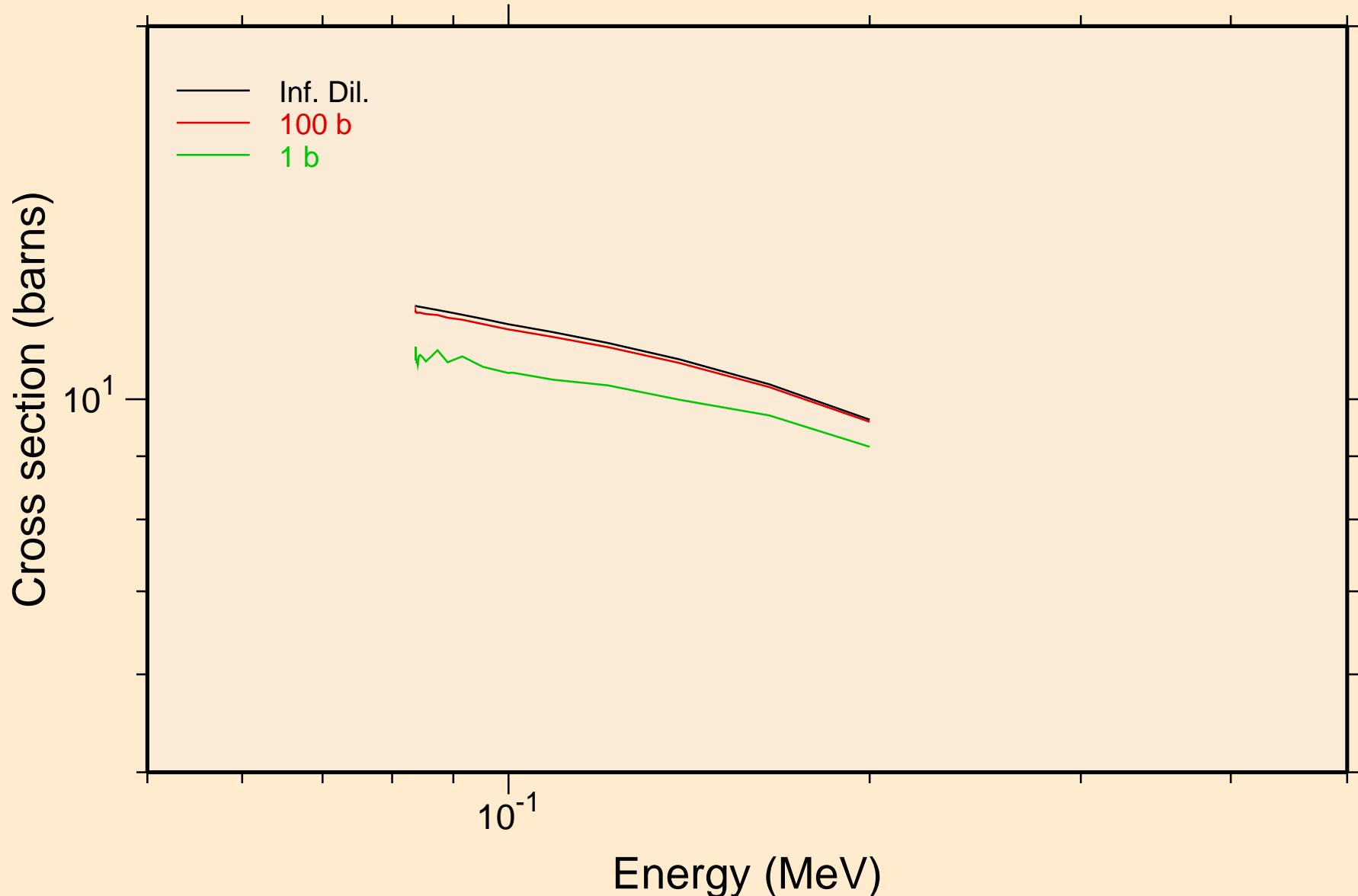
ADVANCE CALCULATIONS

UR total cross section



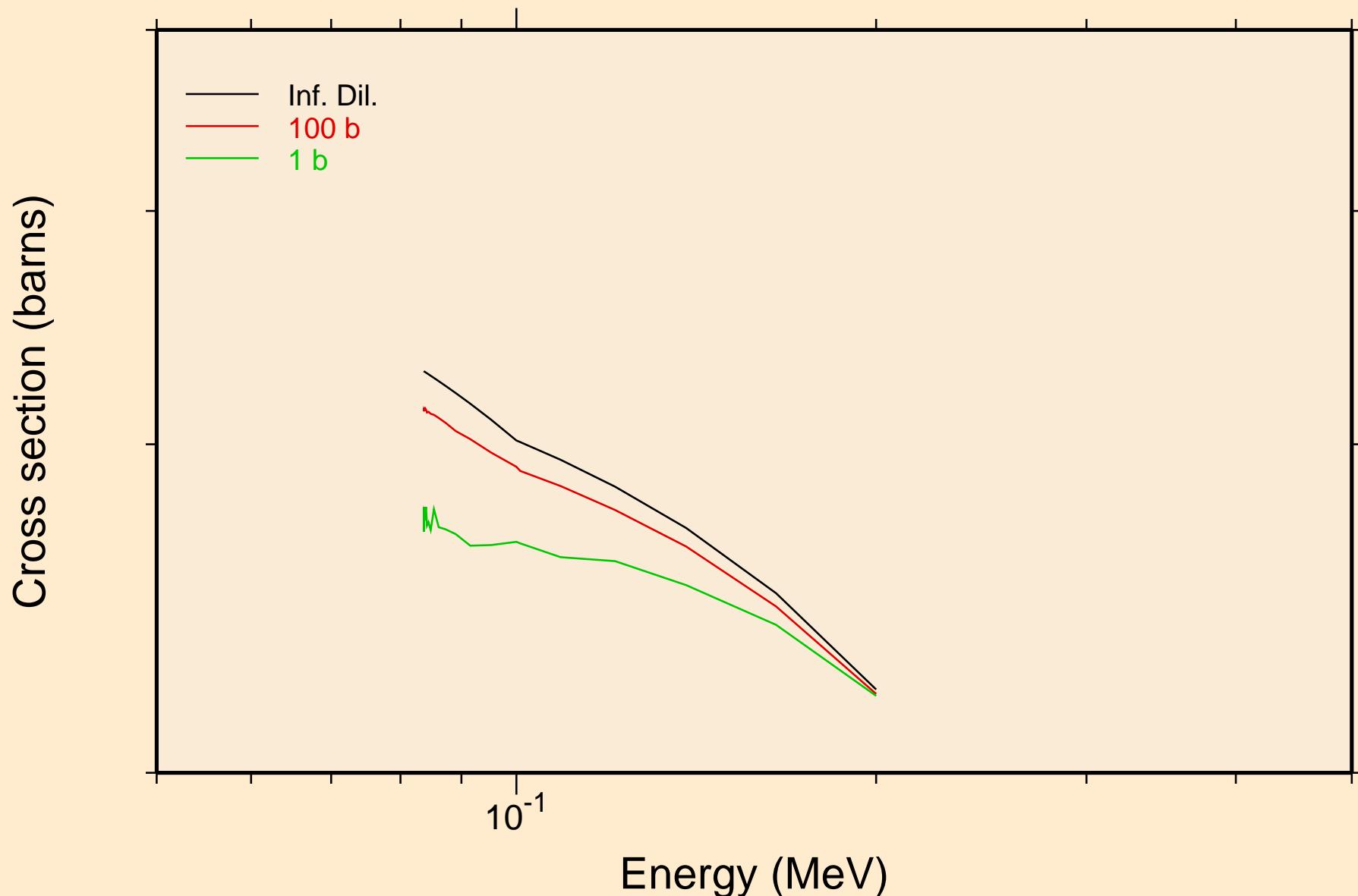
ADVANCE CALCULATIONS

UR elastic cross section



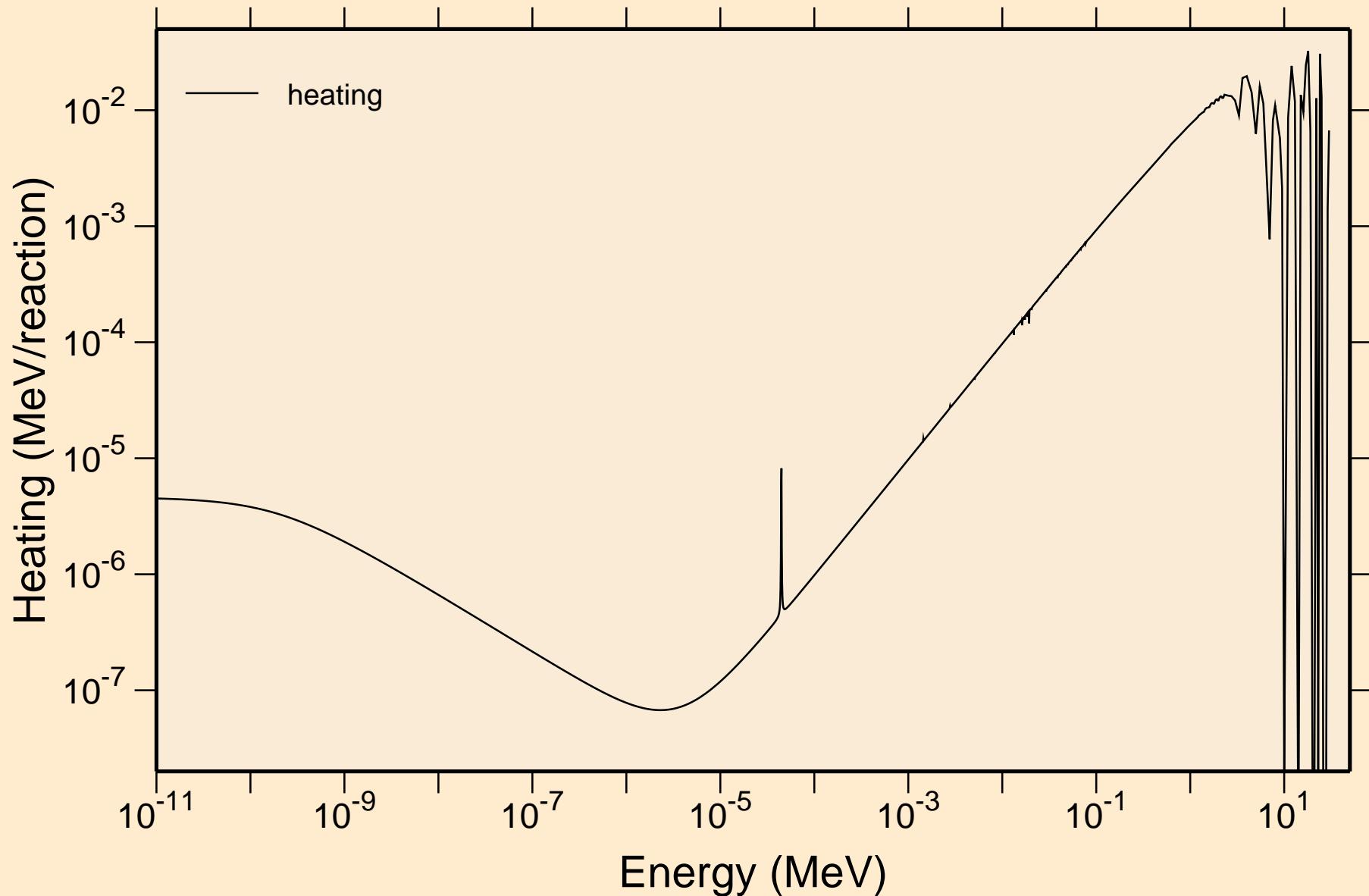
ADVANCE CALCULATIONS

UR capture cross section



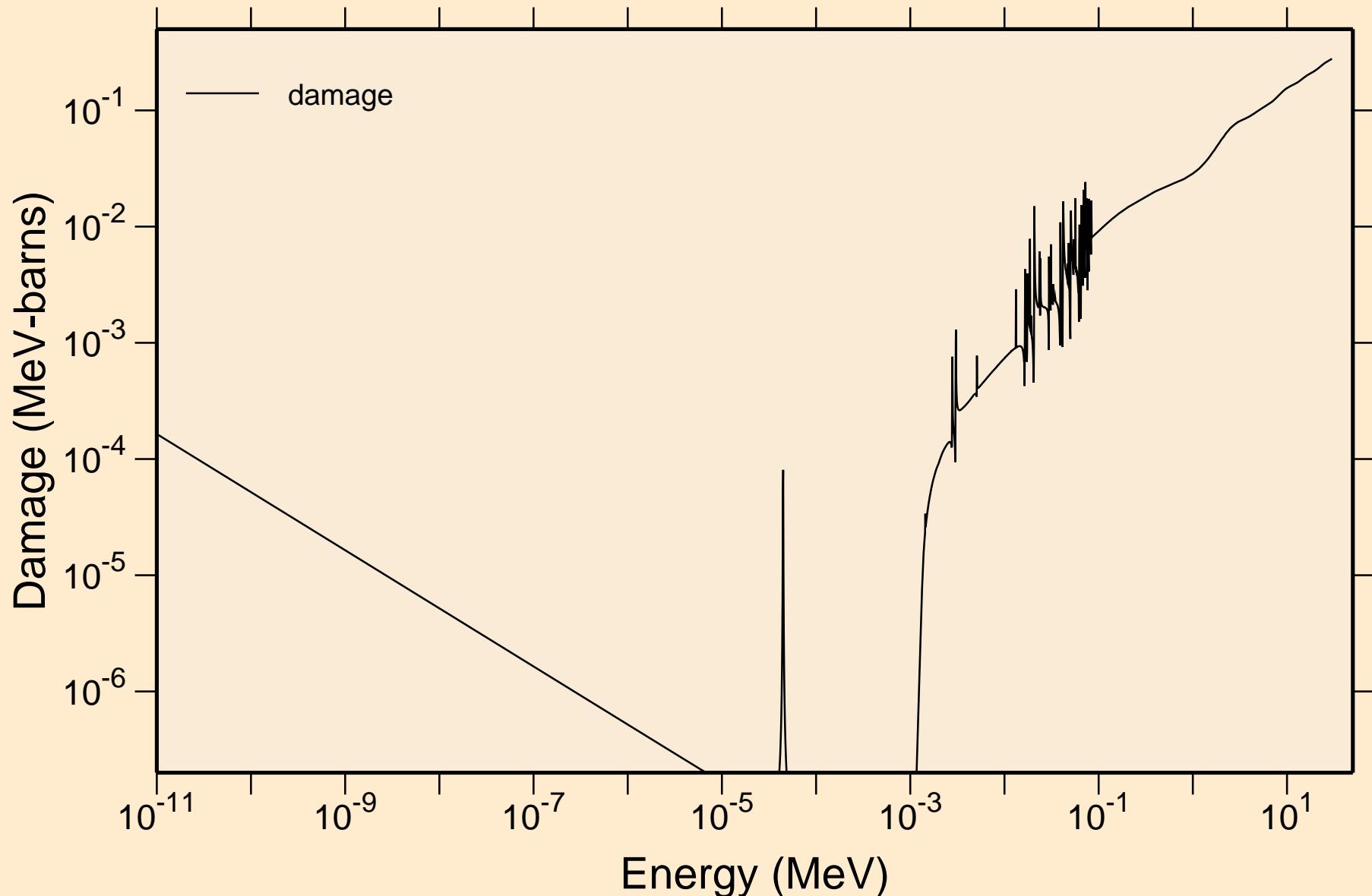
ADVANCE CALCULATIONS

Heating



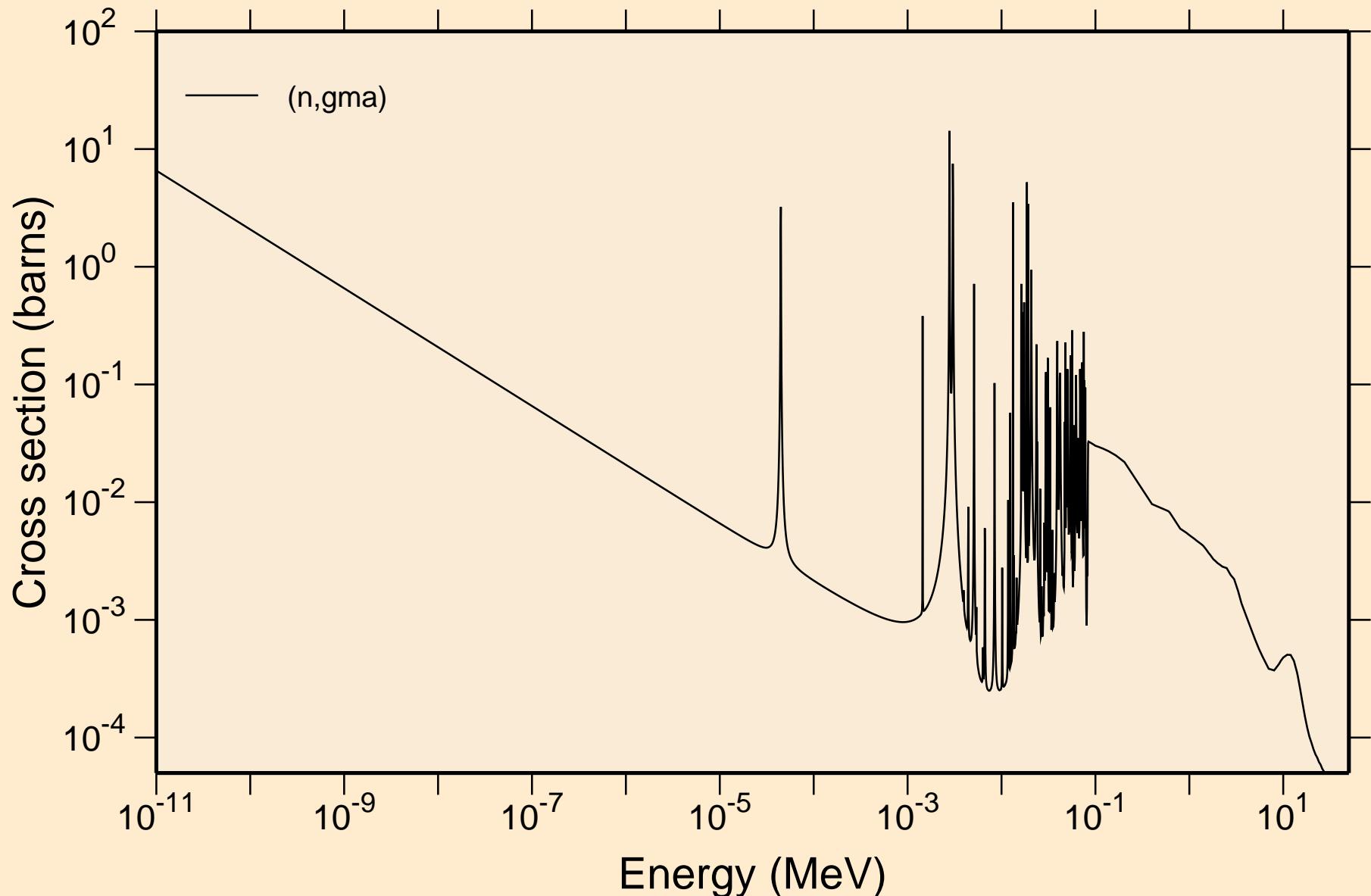
ADVANCE CALCULATIONS

Damage



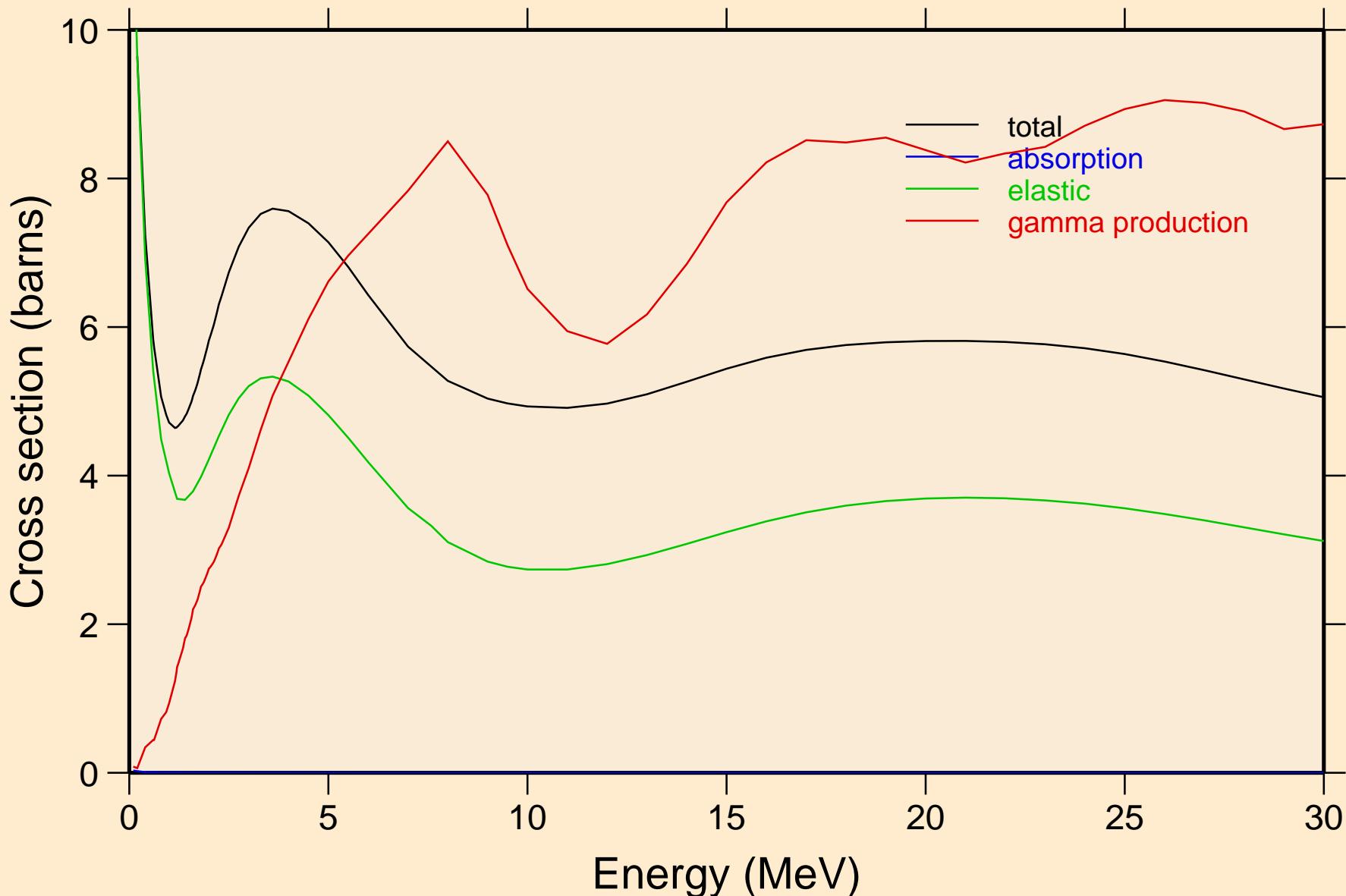
ADVANCE CALCULATIONS

Non-threshold reactions



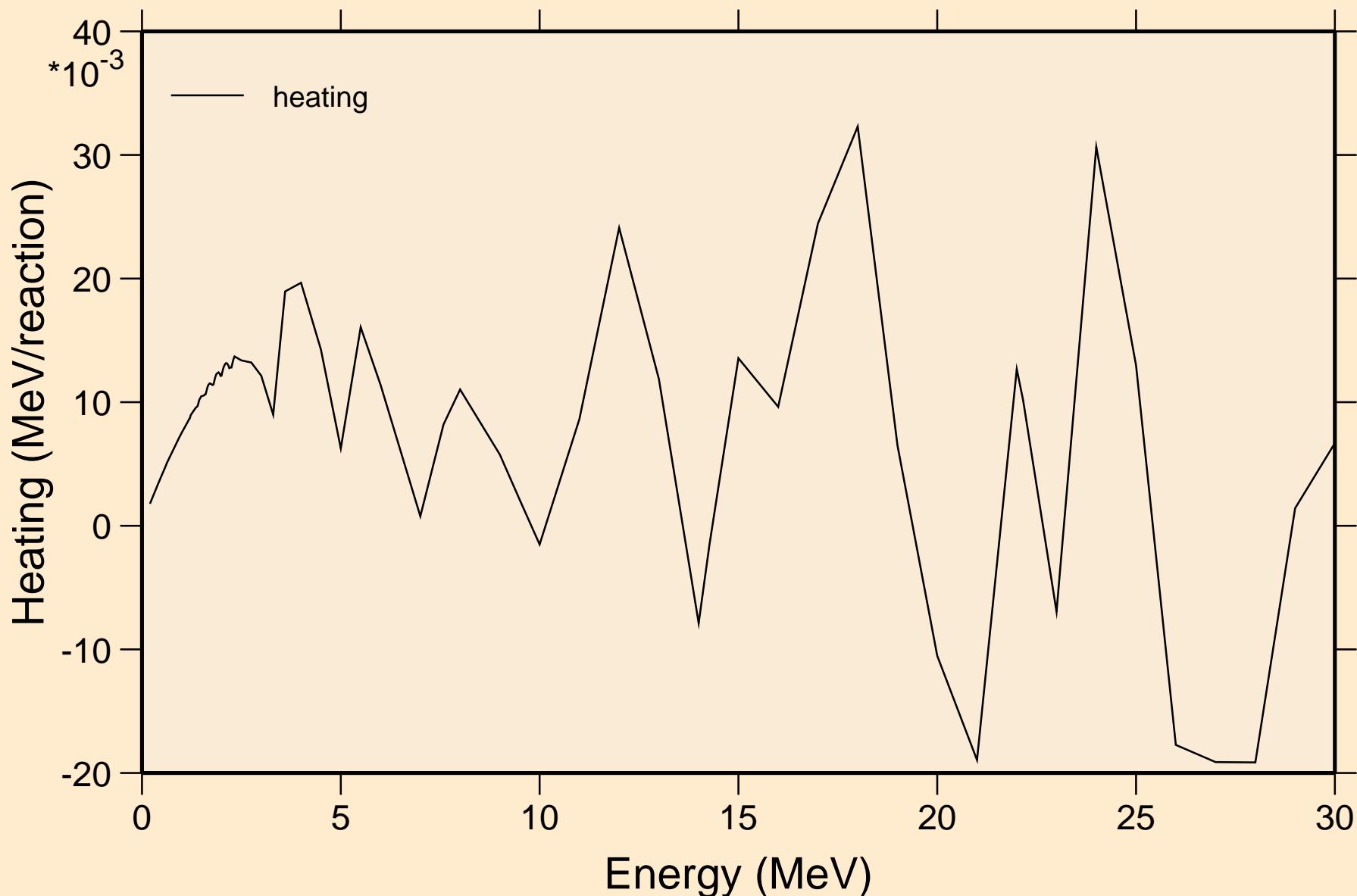
ADVANCE CALCULATIONS

Principal cross sections



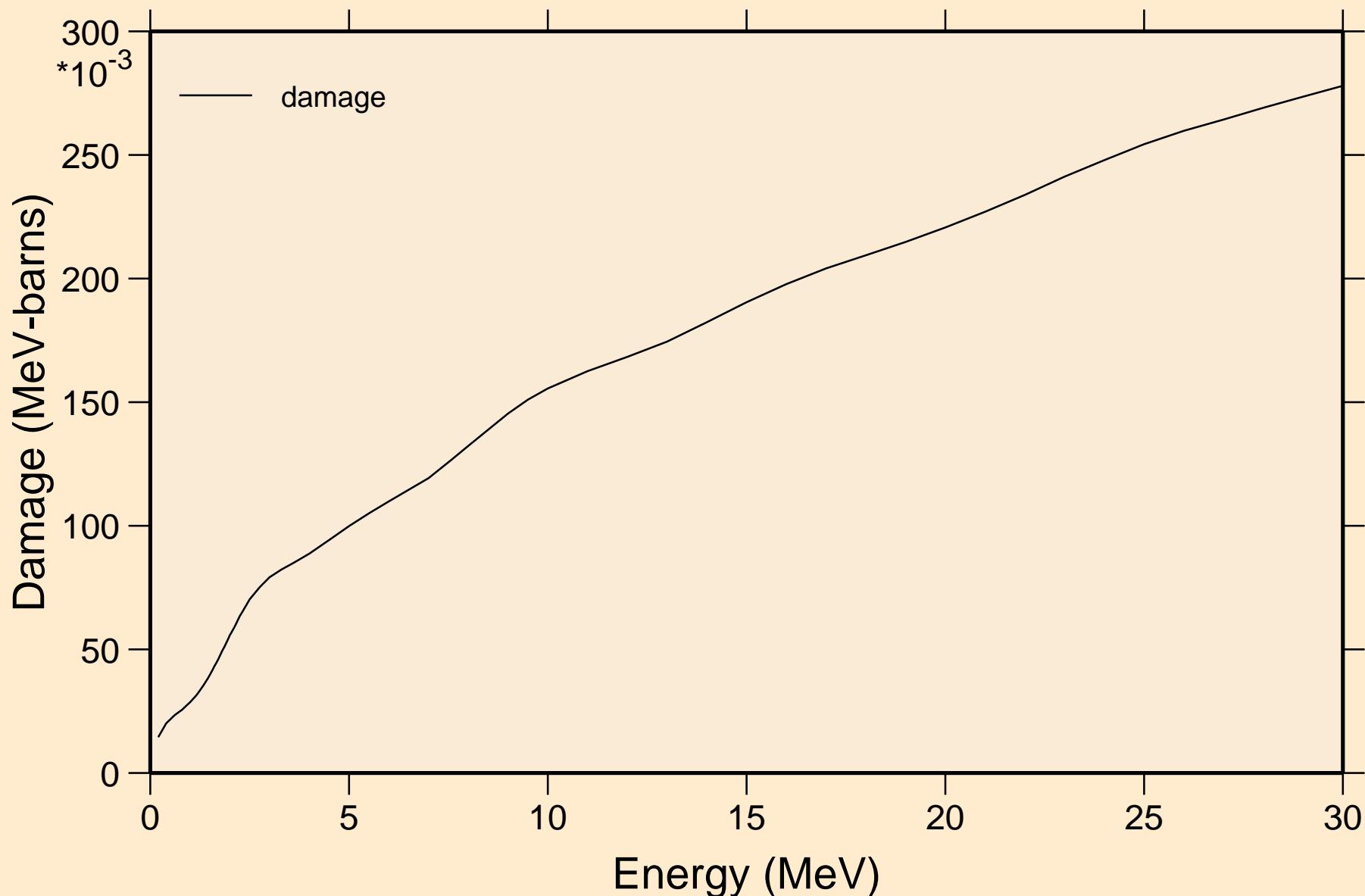
ADVANCE CALCULATIONS

Heating



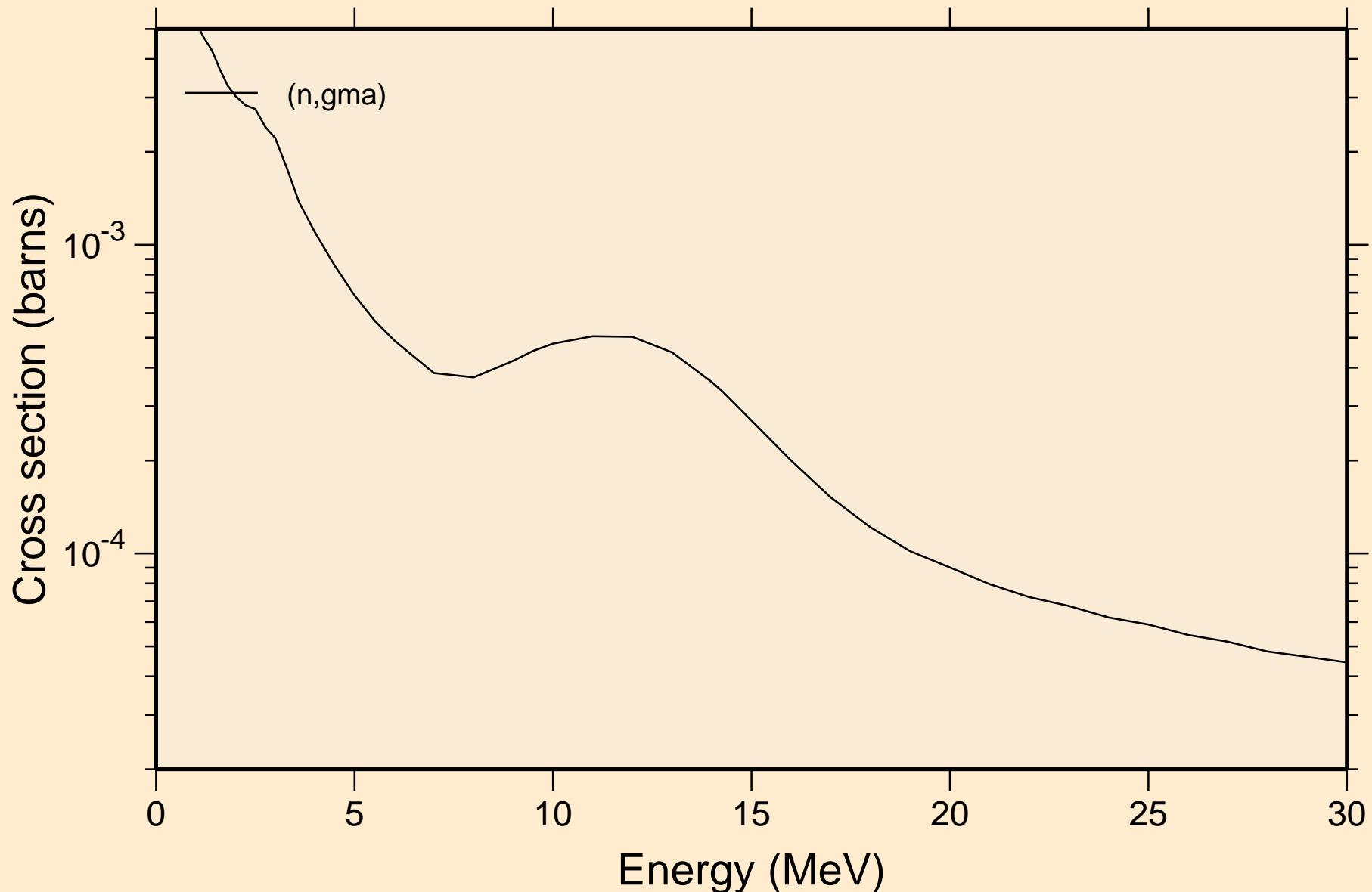
ADVANCE CALCULATIONS

Damage



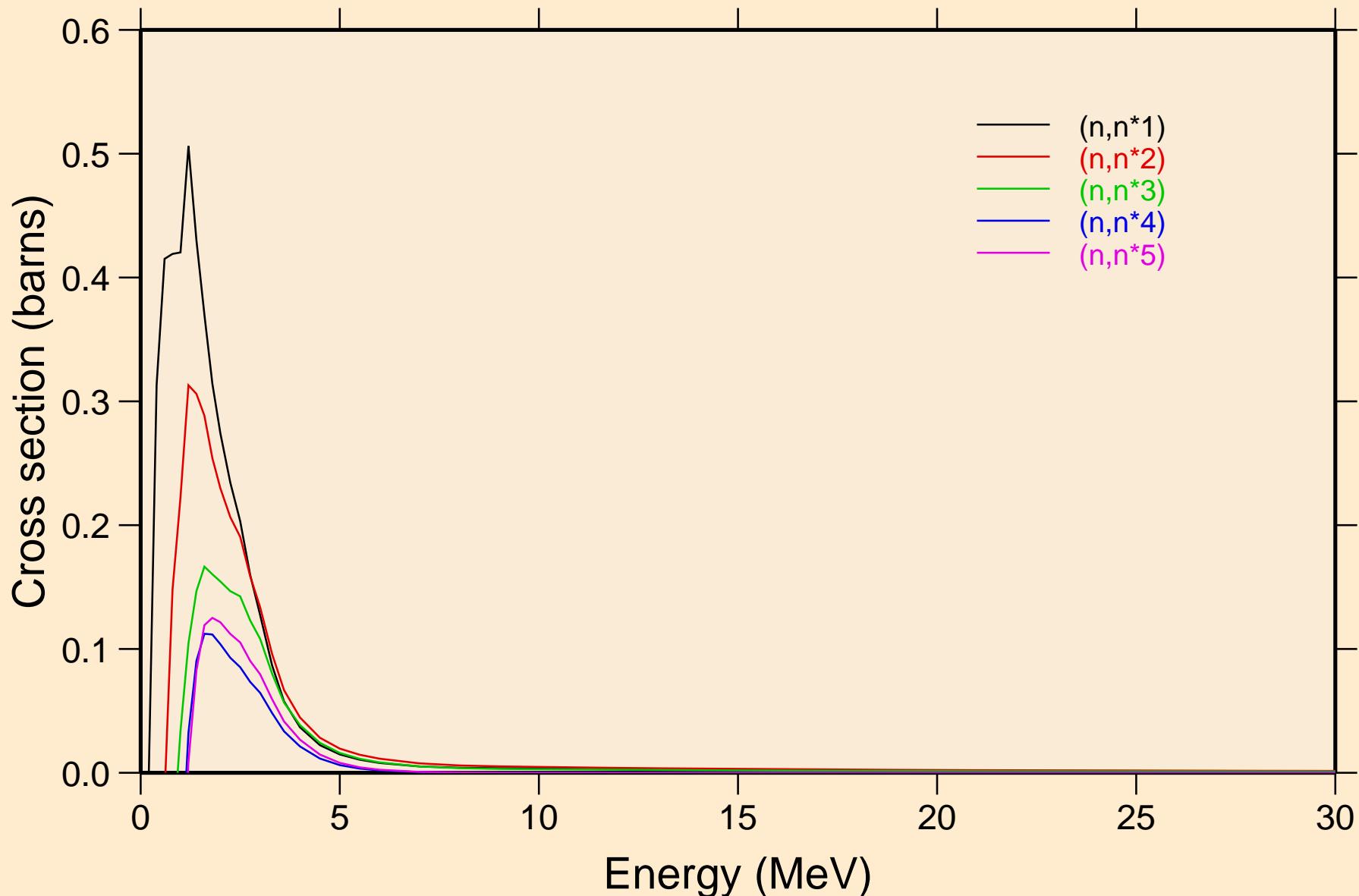
ADVANCE CALCULATIONS

Non-threshold reactions



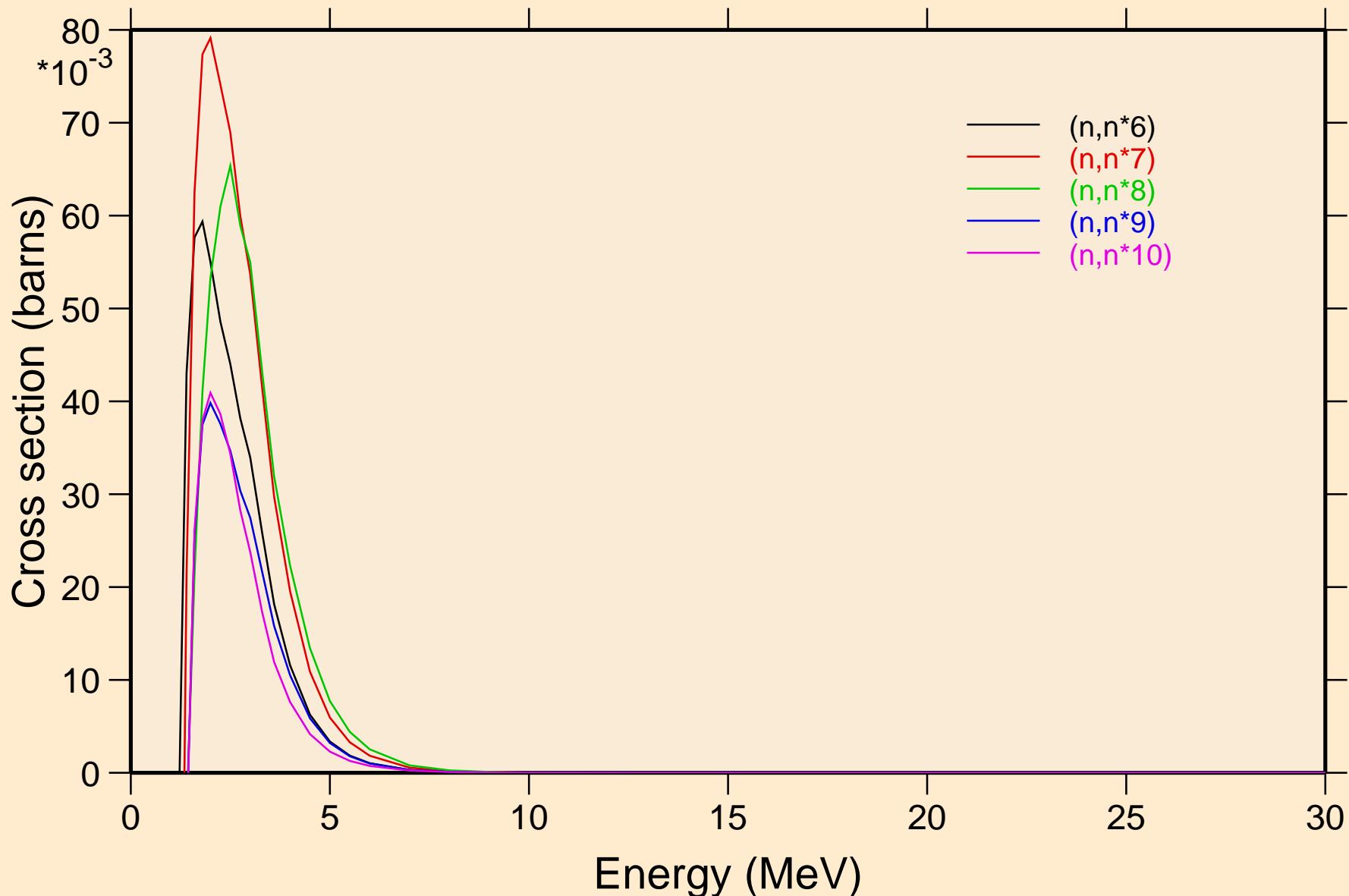
ADVANCE CALCULATIONS

Inelastic levels



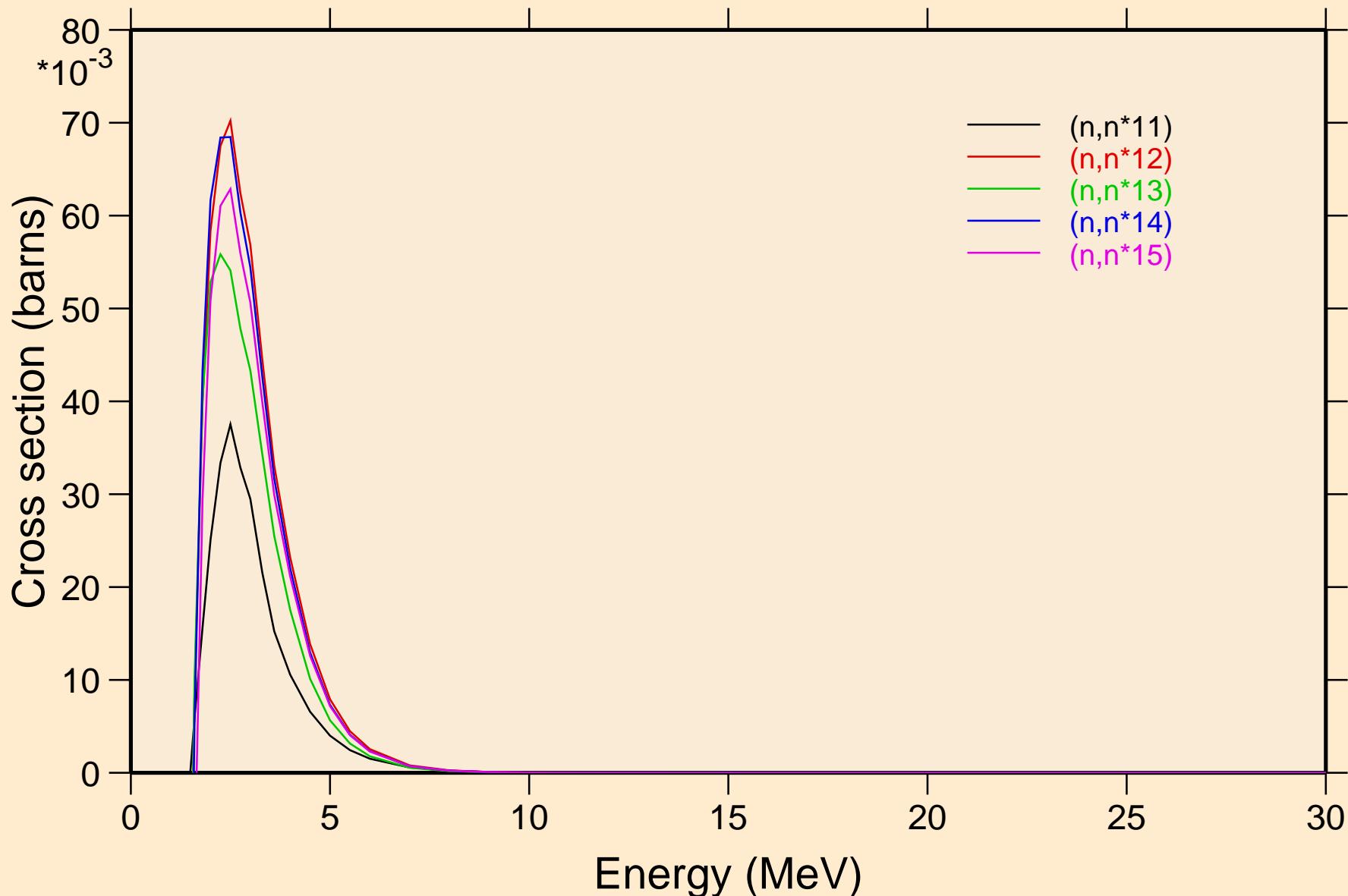
ADVANCE CALCULATIONS

Inelastic levels



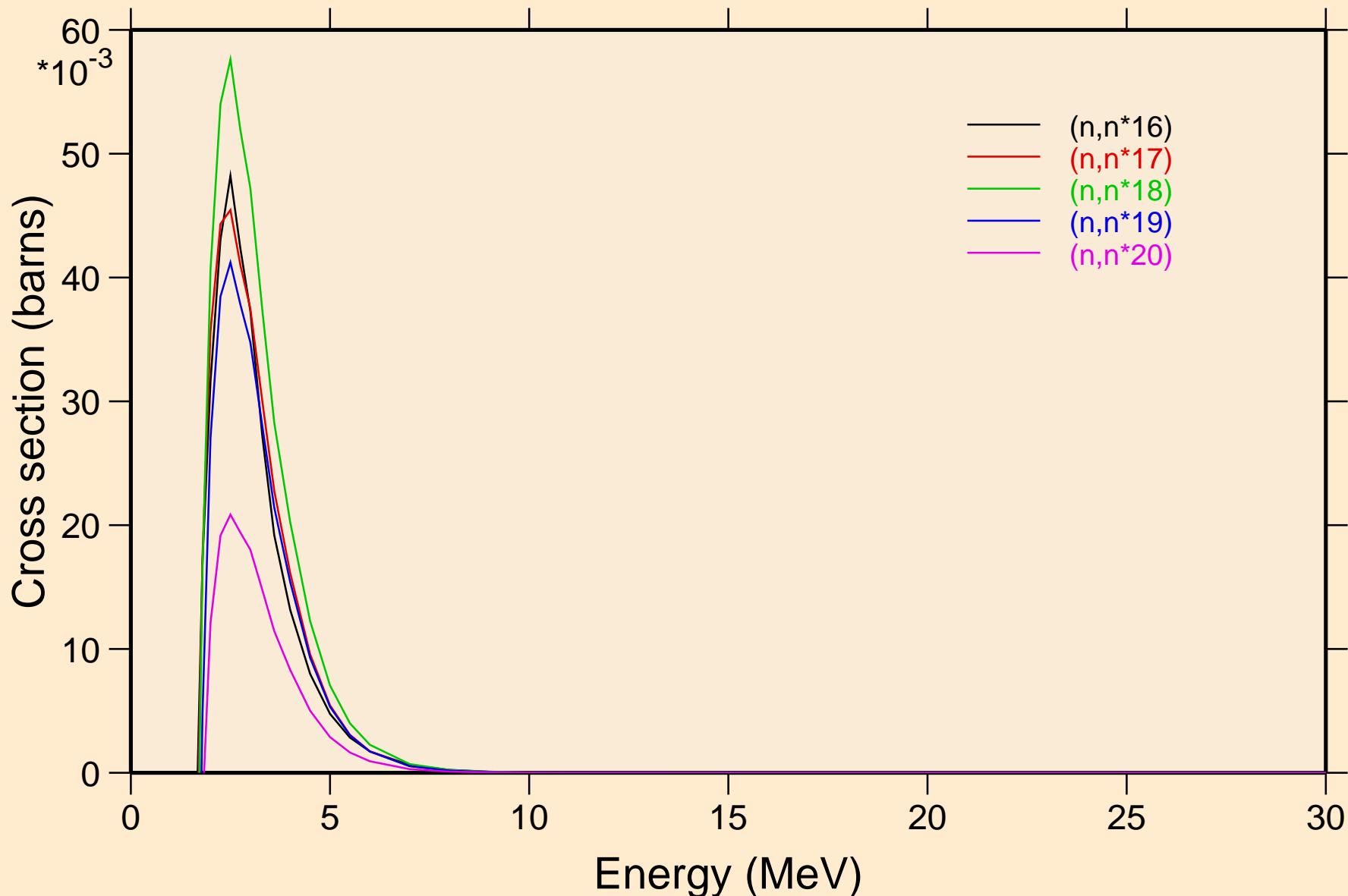
ADVANCE CALCULATIONS

Inelastic levels



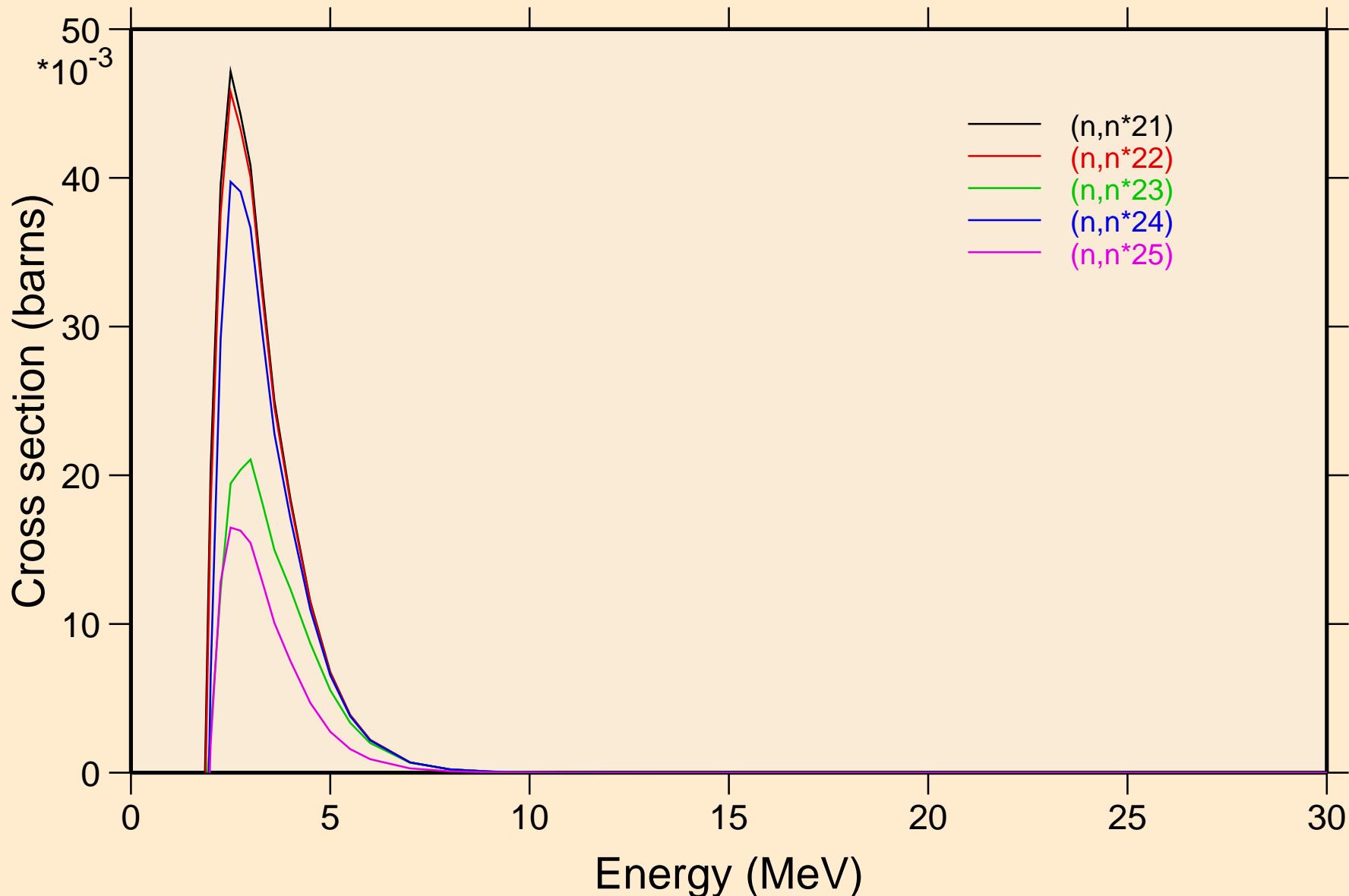
ADVANCE CALCULATIONS

Inelastic levels



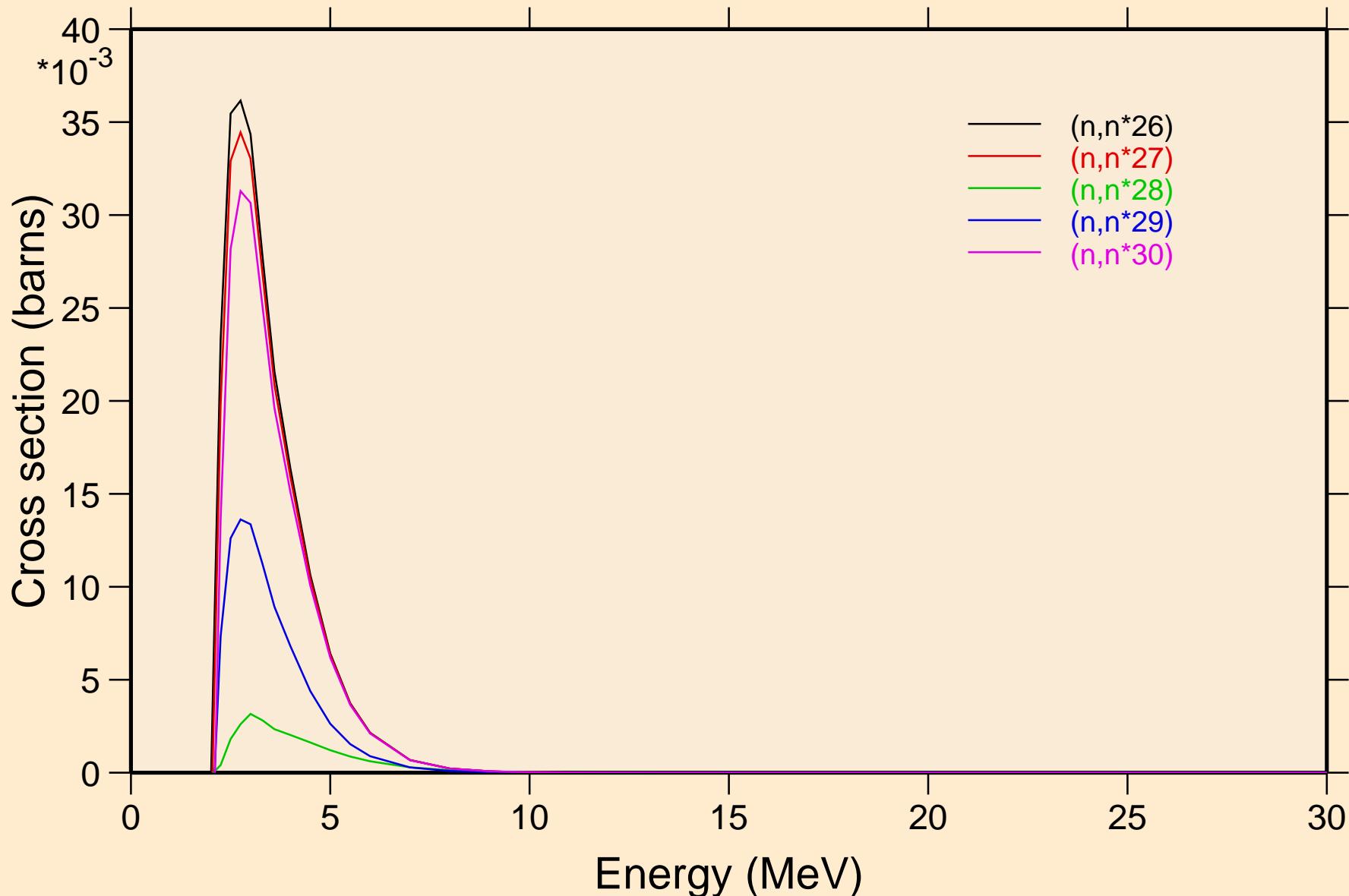
ADVANCE CALCULATIONS

Inelastic levels



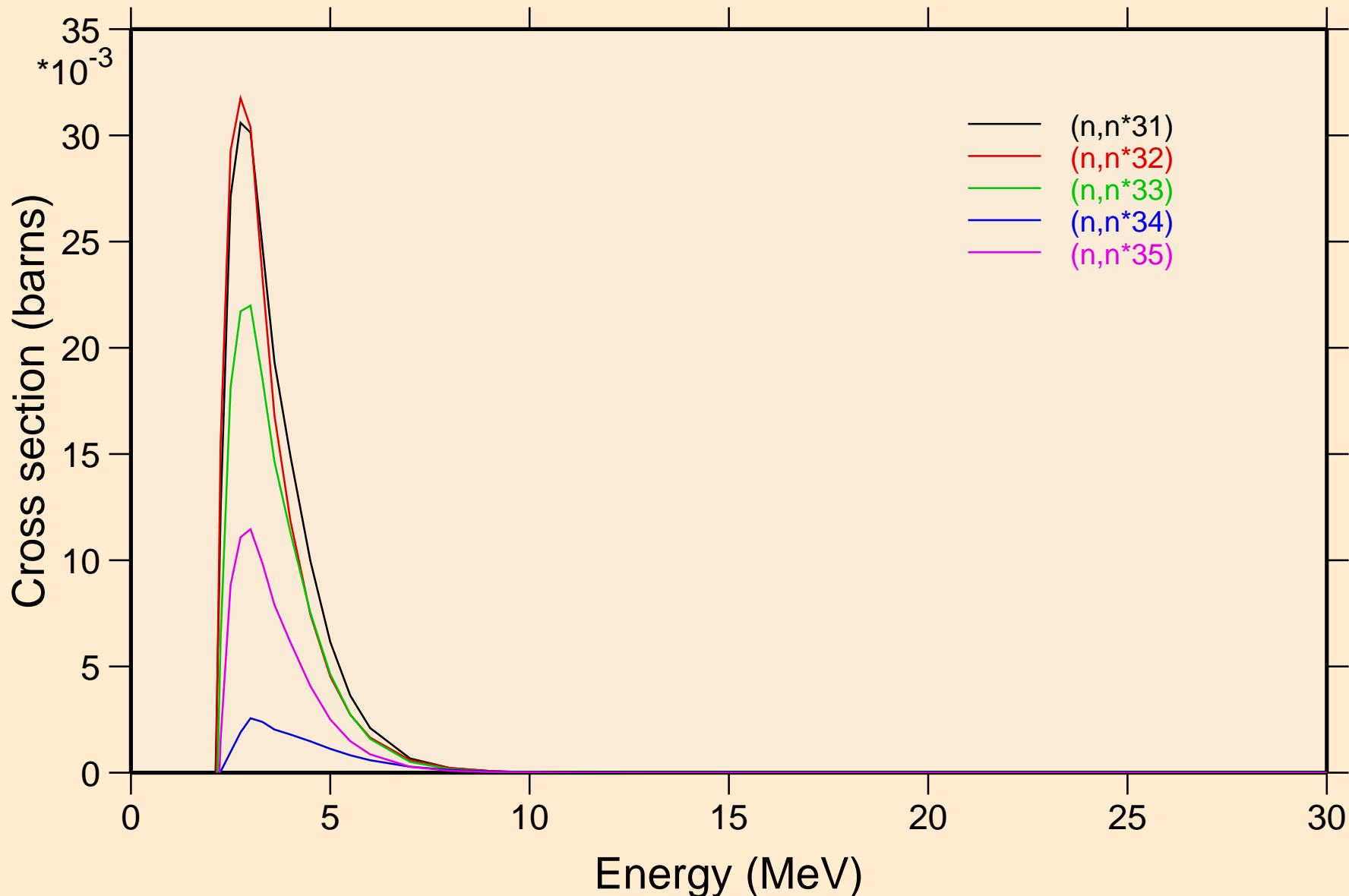
ADVANCE CALCULATIONS

Inelastic levels



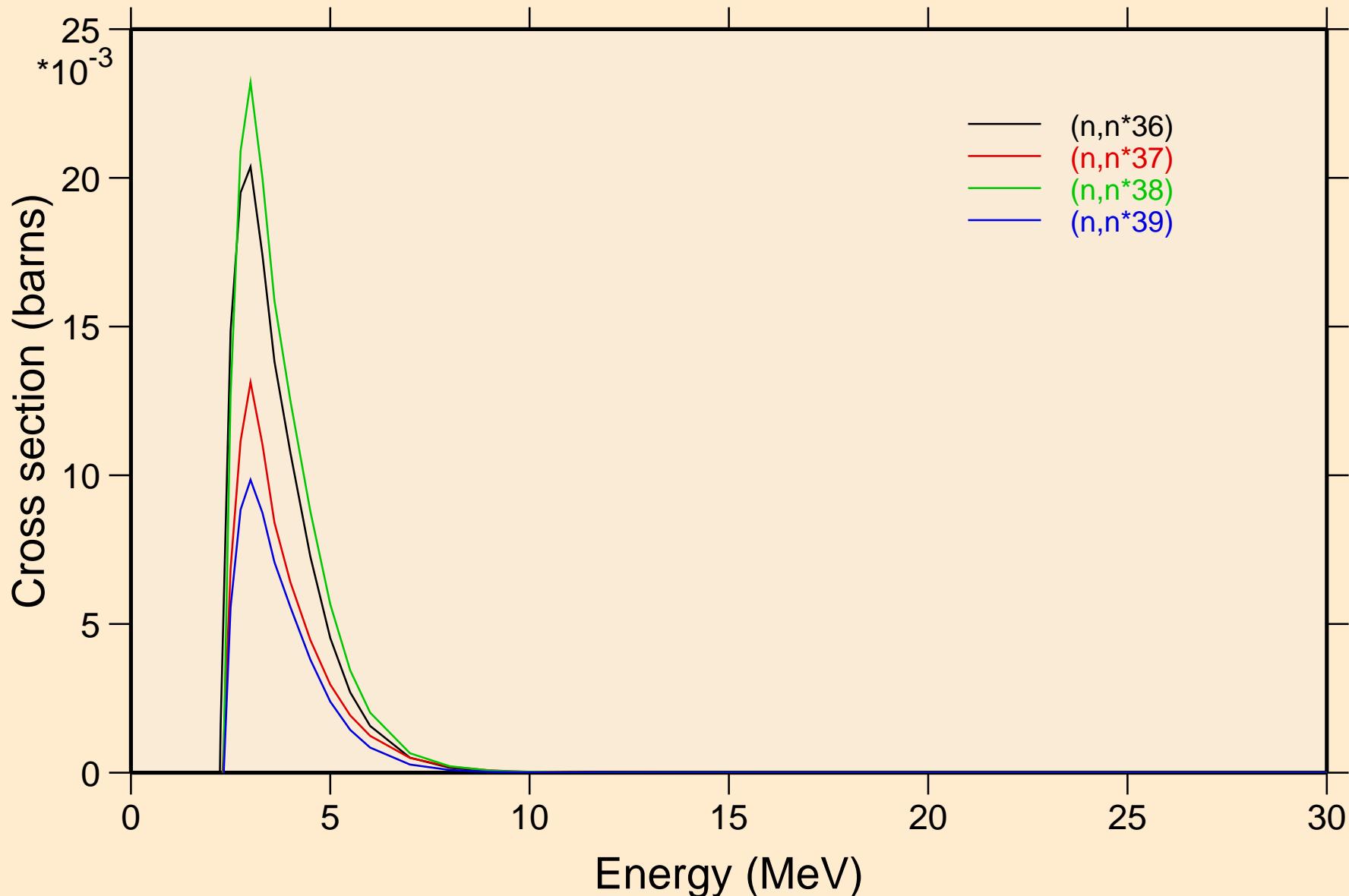
ADVANCE CALCULATIONS

Inelastic levels



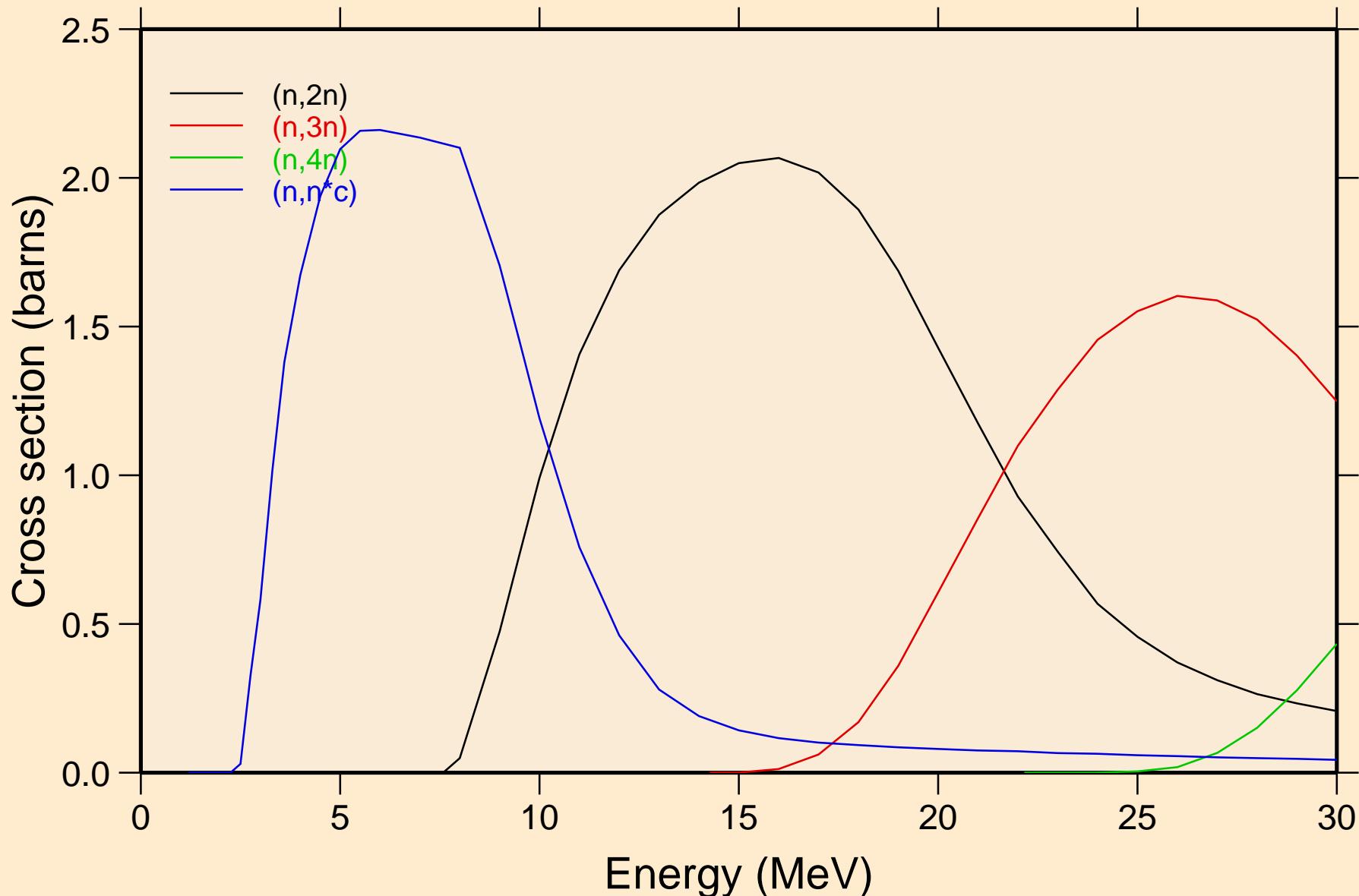
ADVANCE CALCULATIONS

Inelastic levels



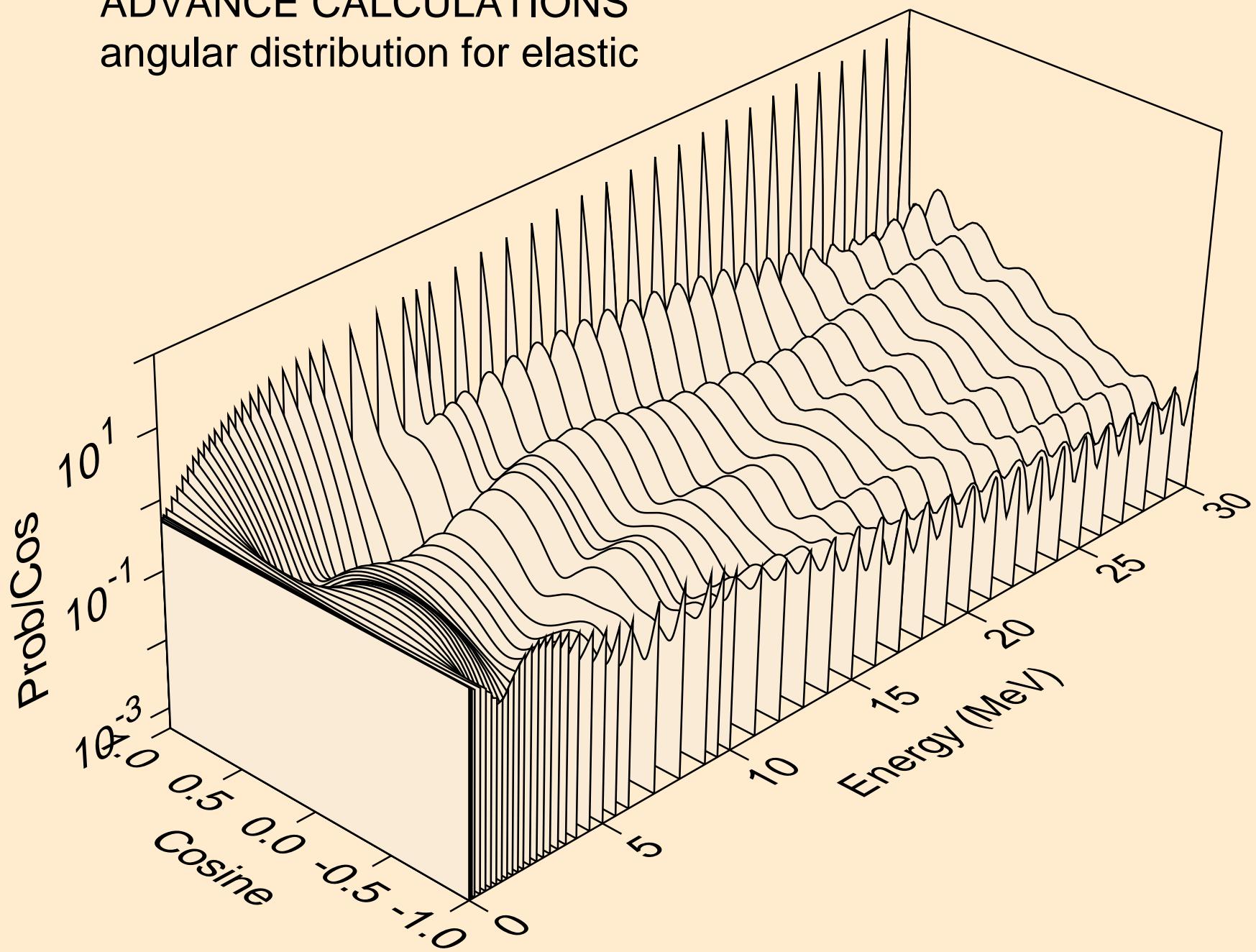
ADVANCE CALCULATIONS

Threshold reactions



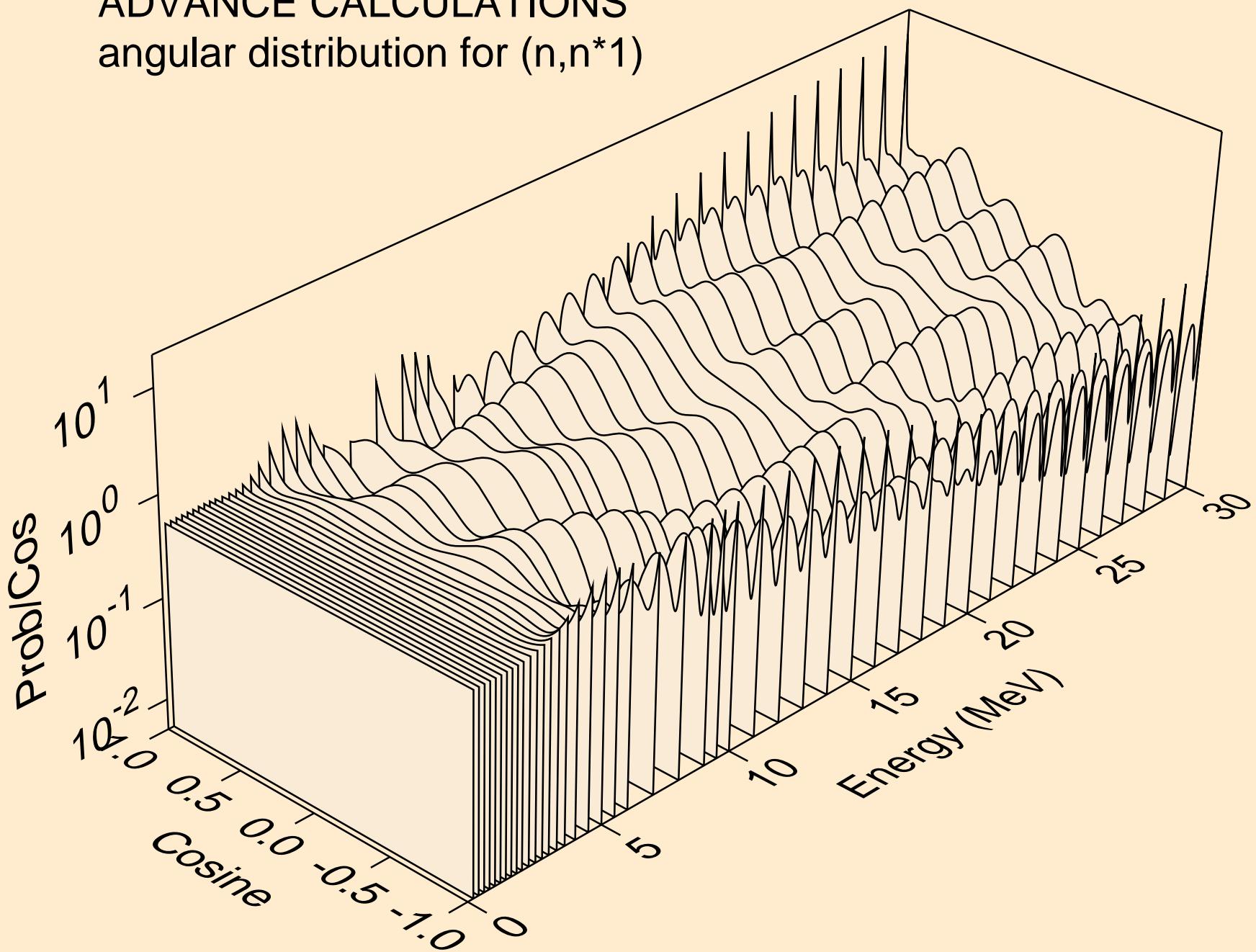
ADVANCE CALCULATIONS

angular distribution for elastic



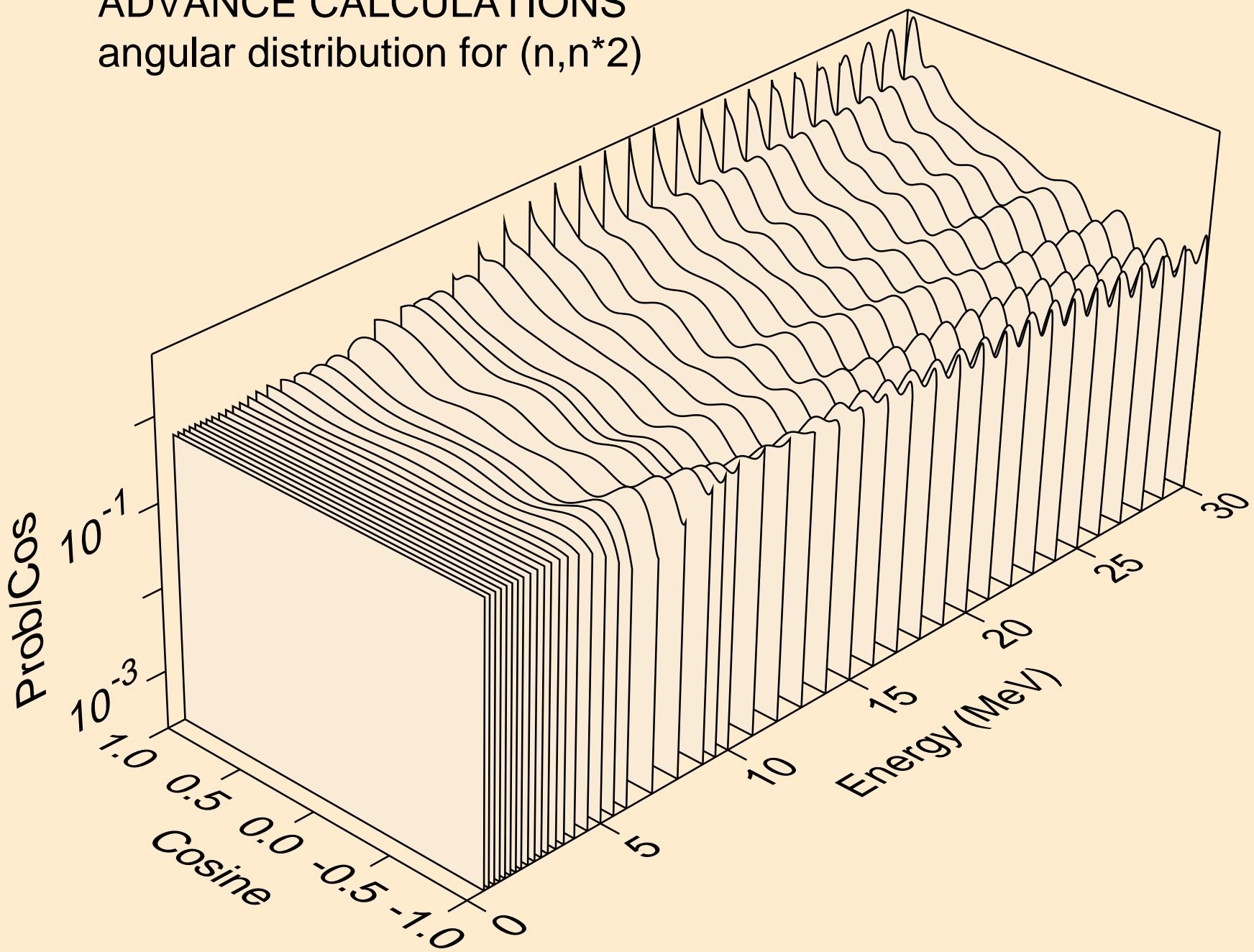
ADVANCE CALCULATIONS

angular distribution for (n,n*1)

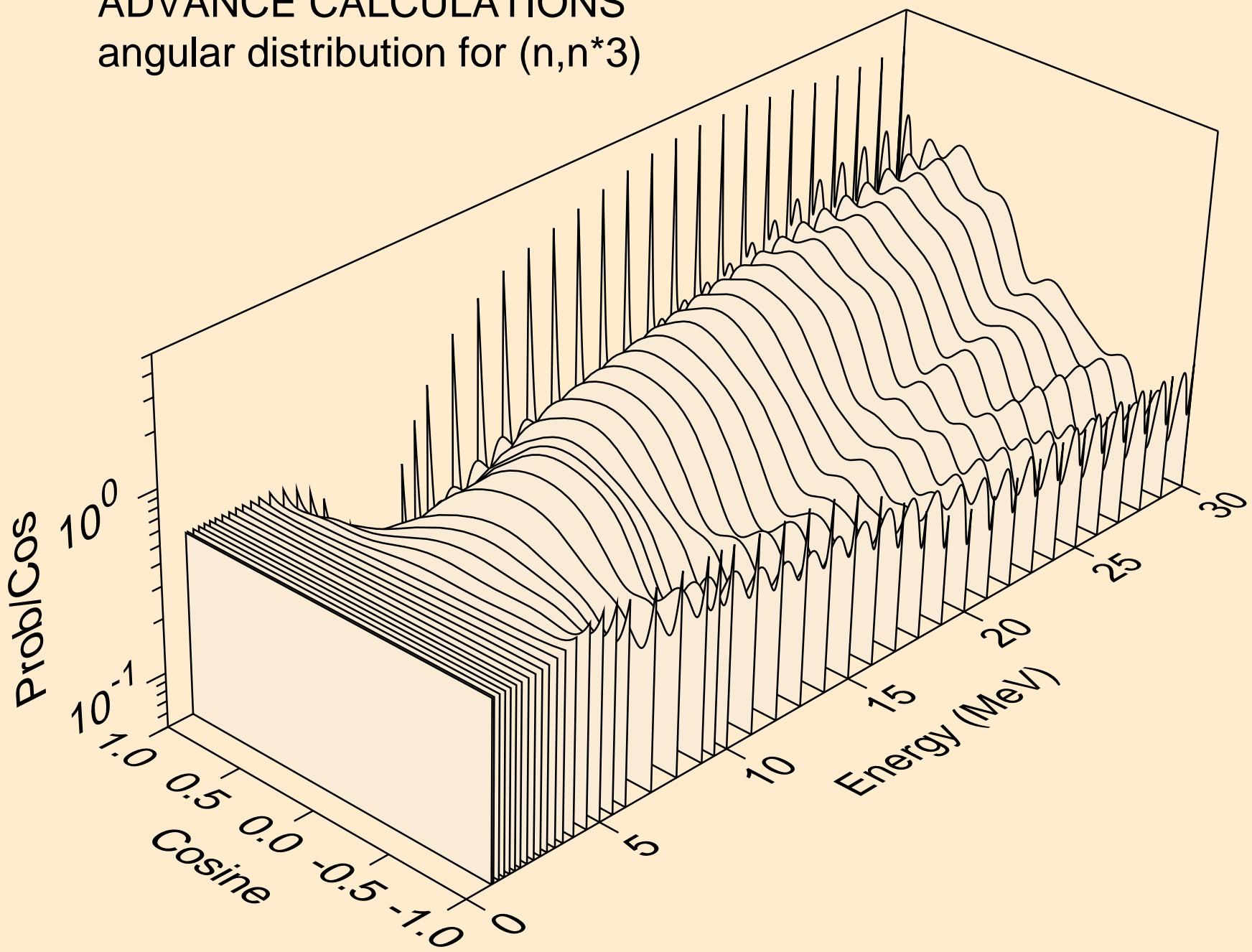


ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^2$

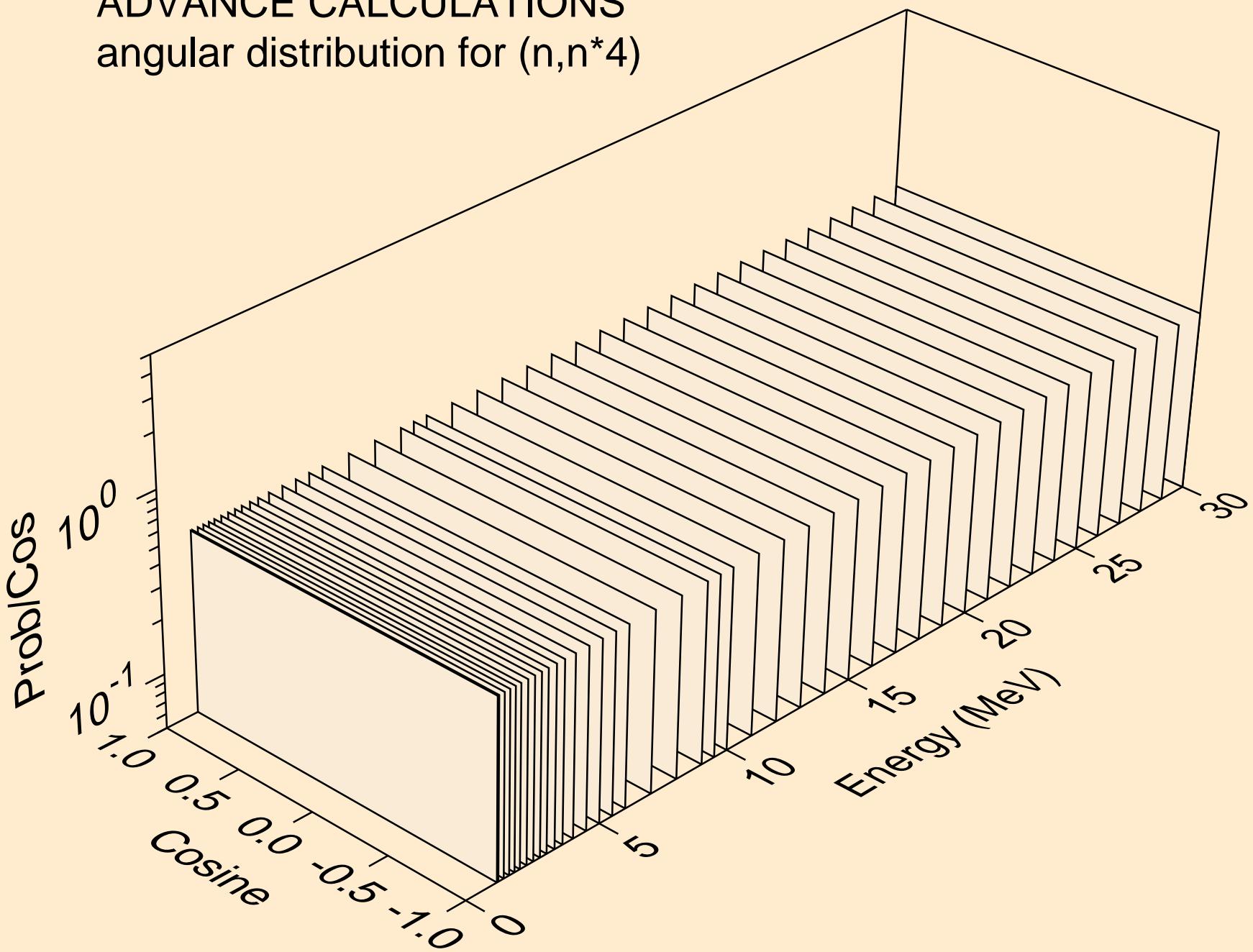


ADVANCE CALCULATIONS
angular distribution for (n,n^*3)



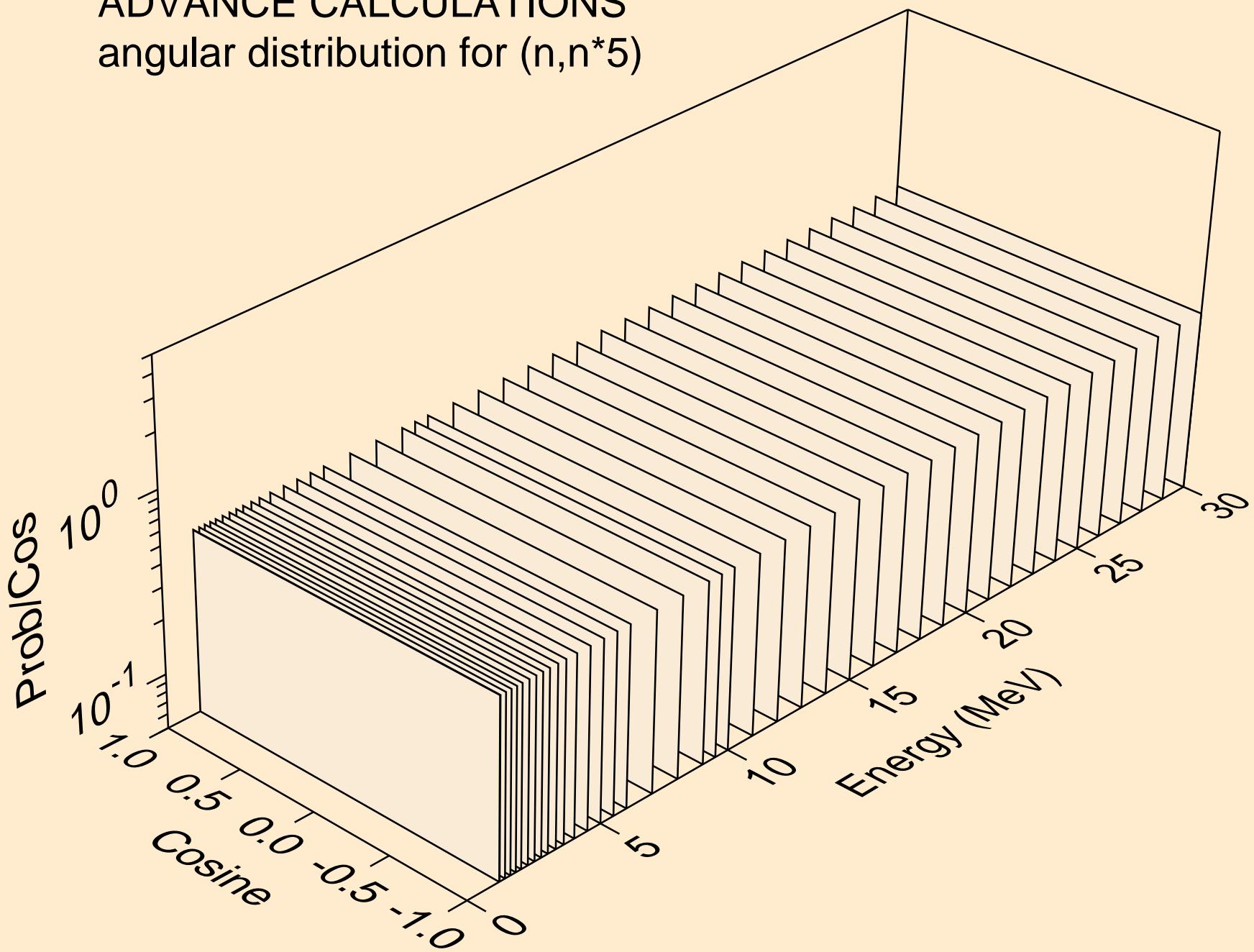
ADVANCE CALCULATIONS

angular distribution for (n,n^*4)



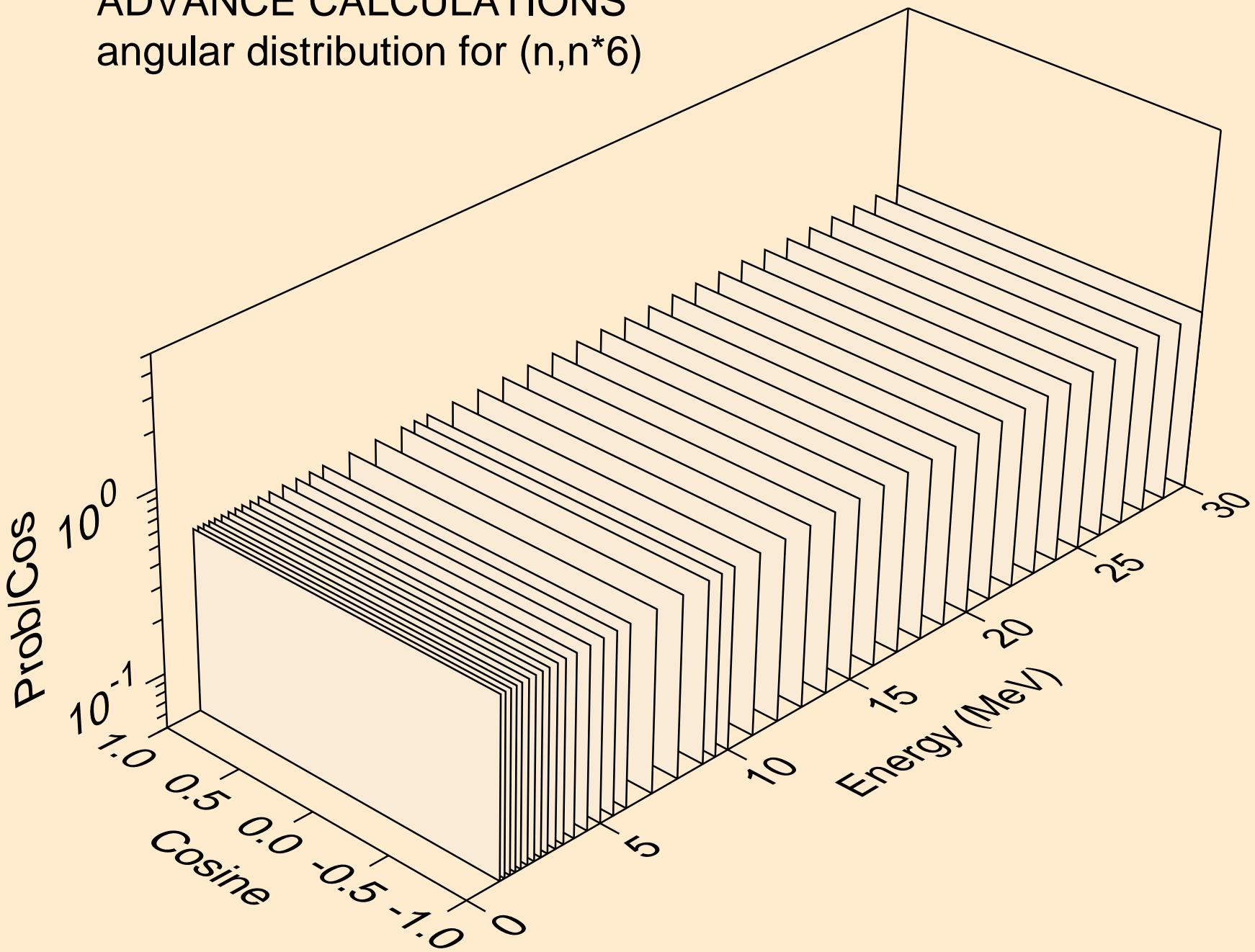
ADVANCE CALCULATIONS

angular distribution for (n,n^*)



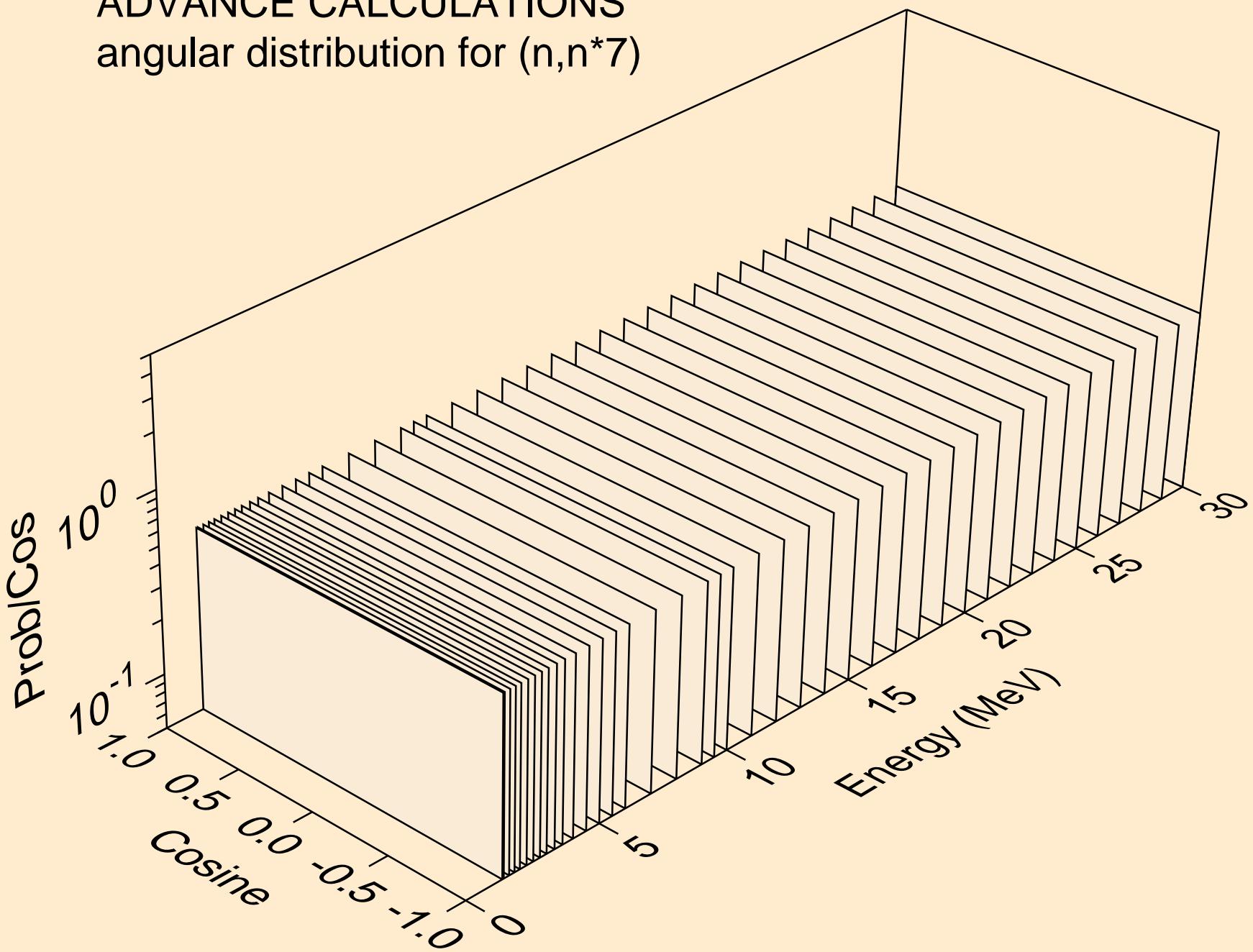
ADVANCE CALCULATIONS

angular distribution for (n,n^*6)



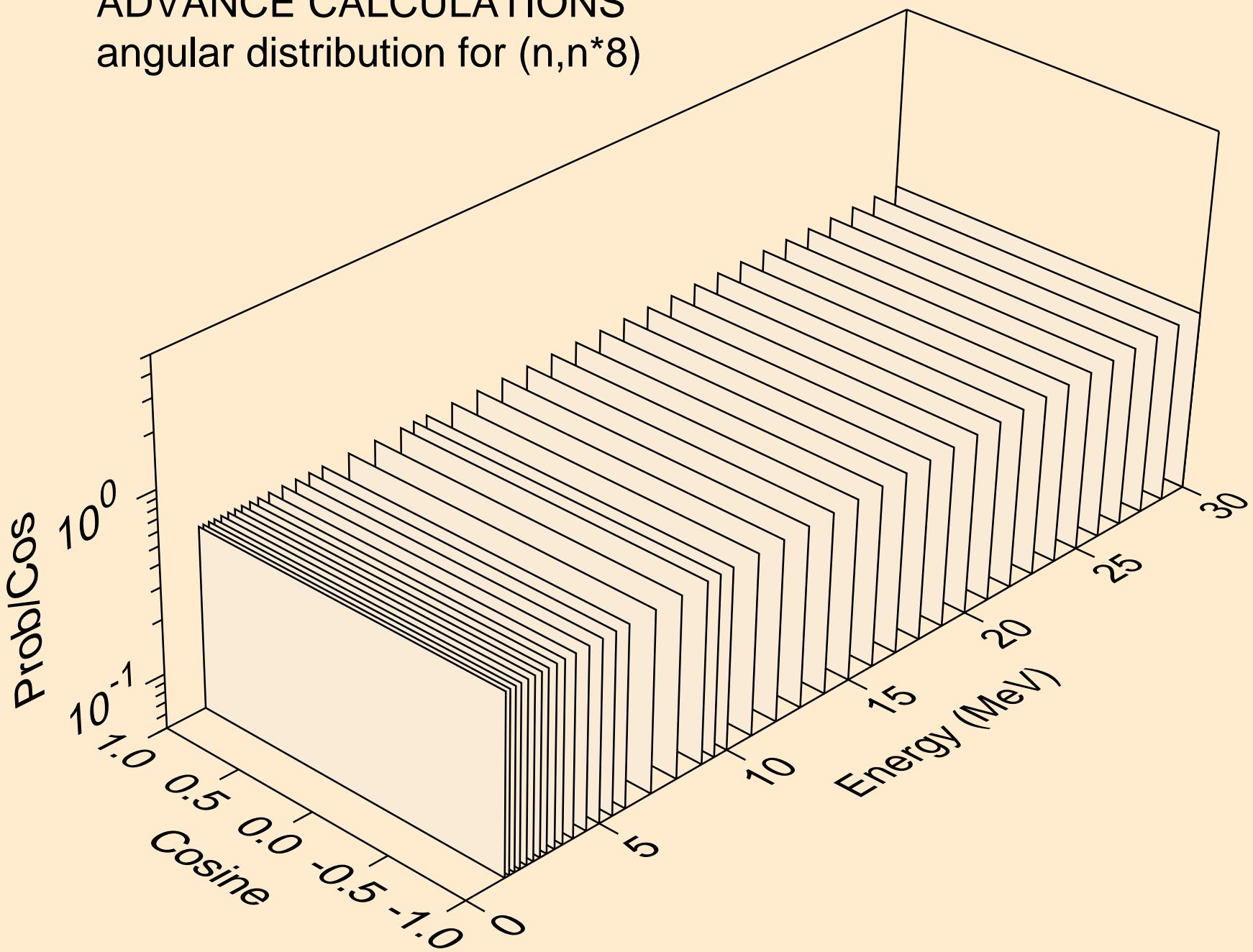
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^7$



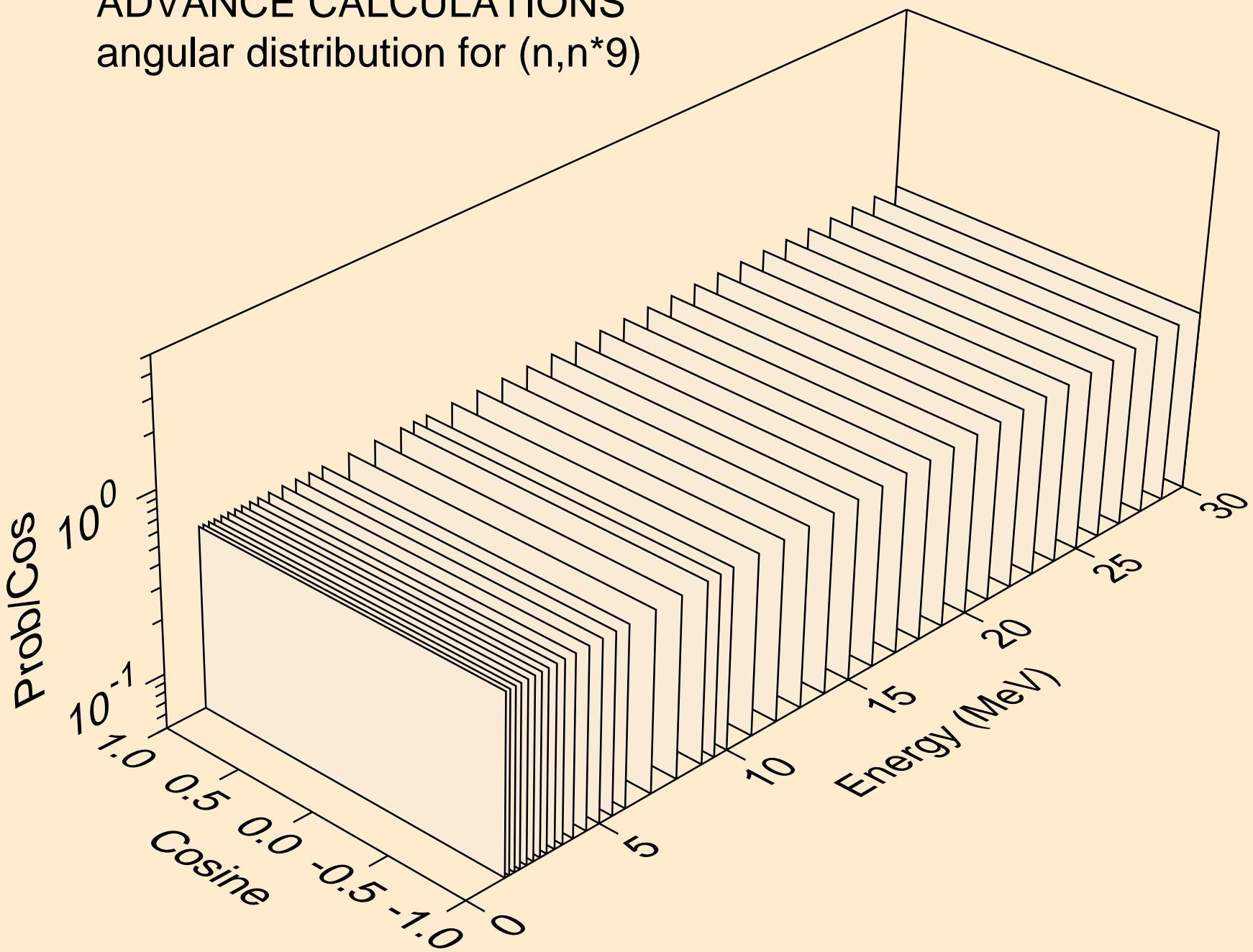
ADVANCE CALCULATIONS

angular distribution for (n,n^*)



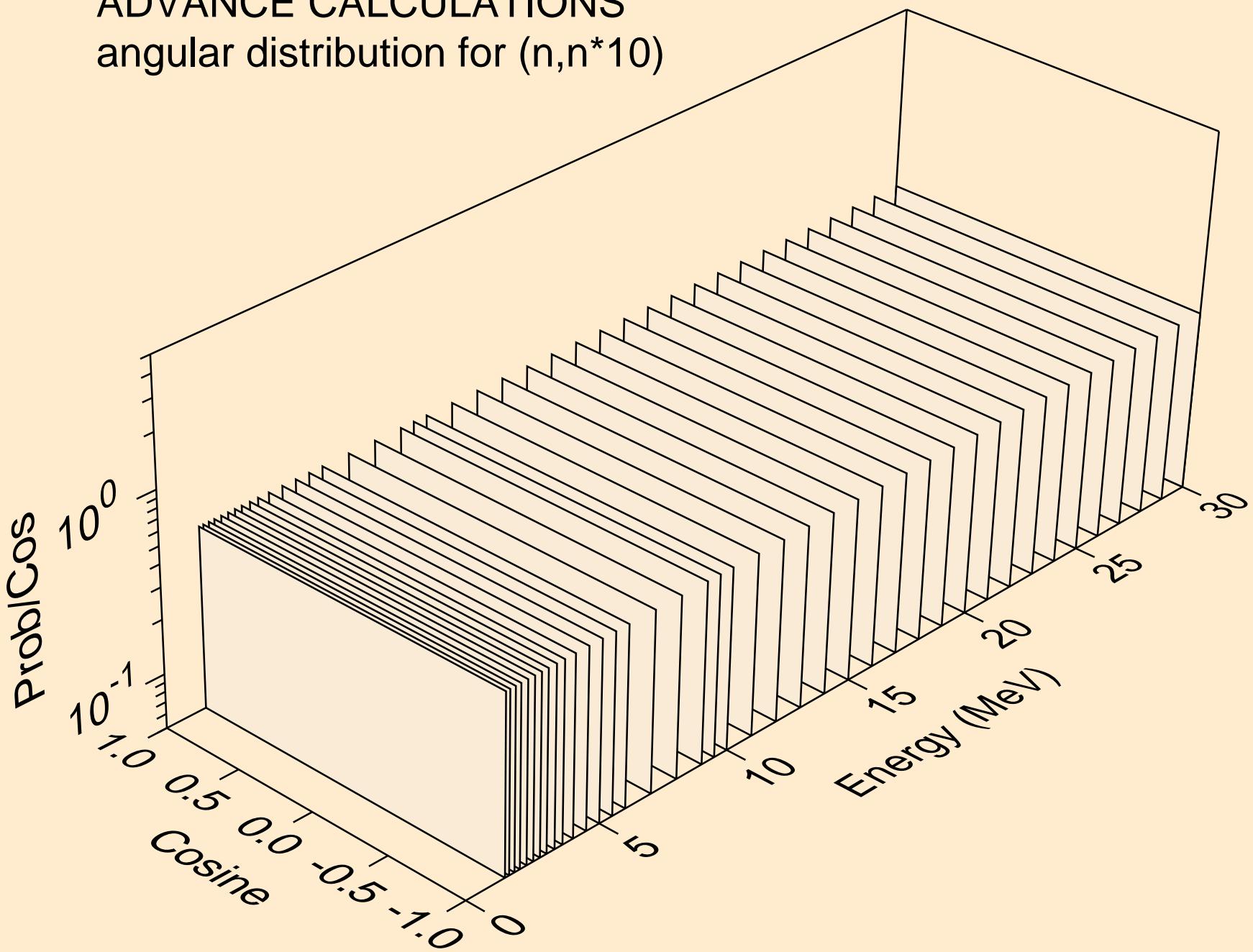
ADVANCE CALCULATIONS

angular distribution for (n,n^*)



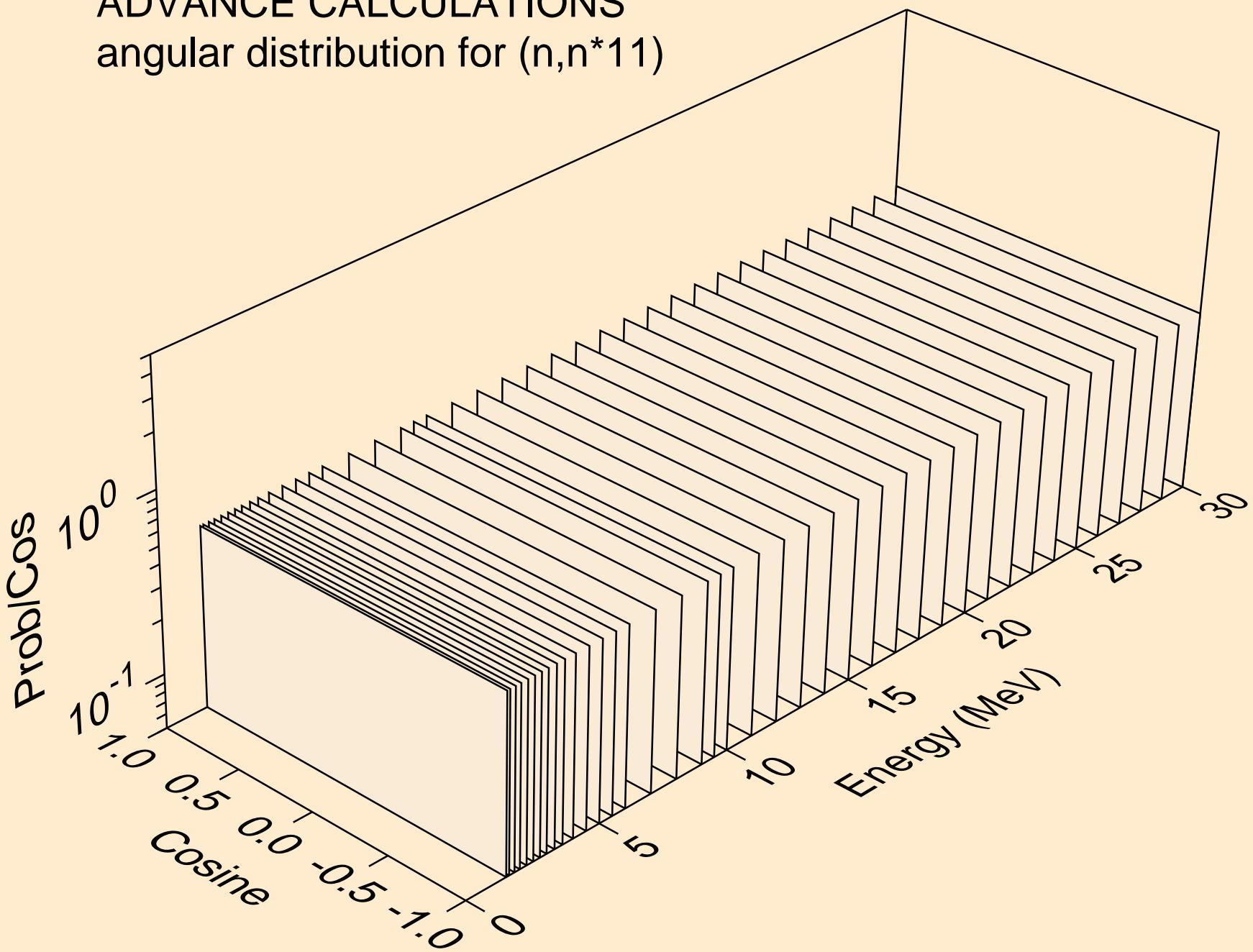
ADVANCE CALCULATIONS

angular distribution for (n,n*10)



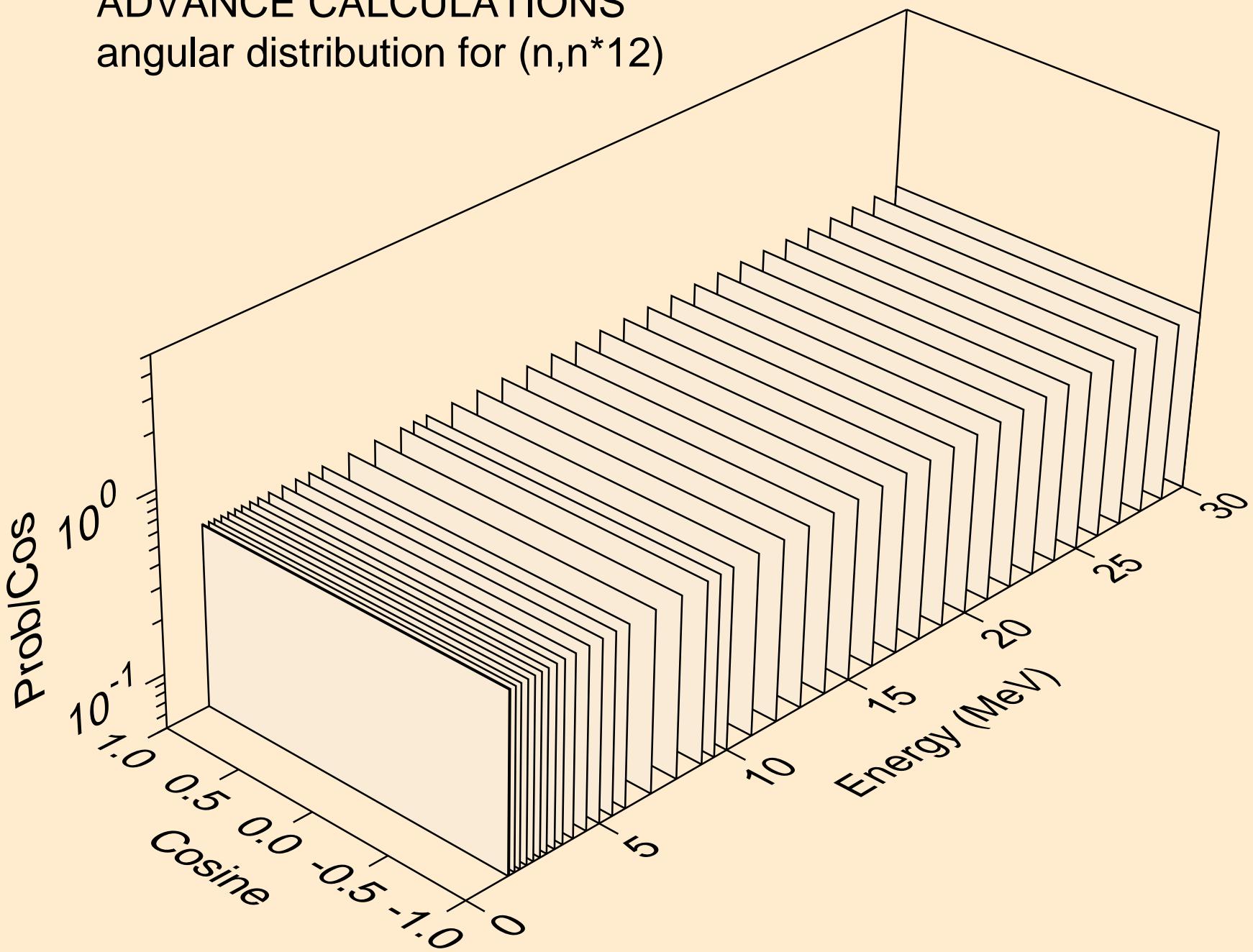
ADVANCE CALCULATIONS

angular distribution for (n,n*11)



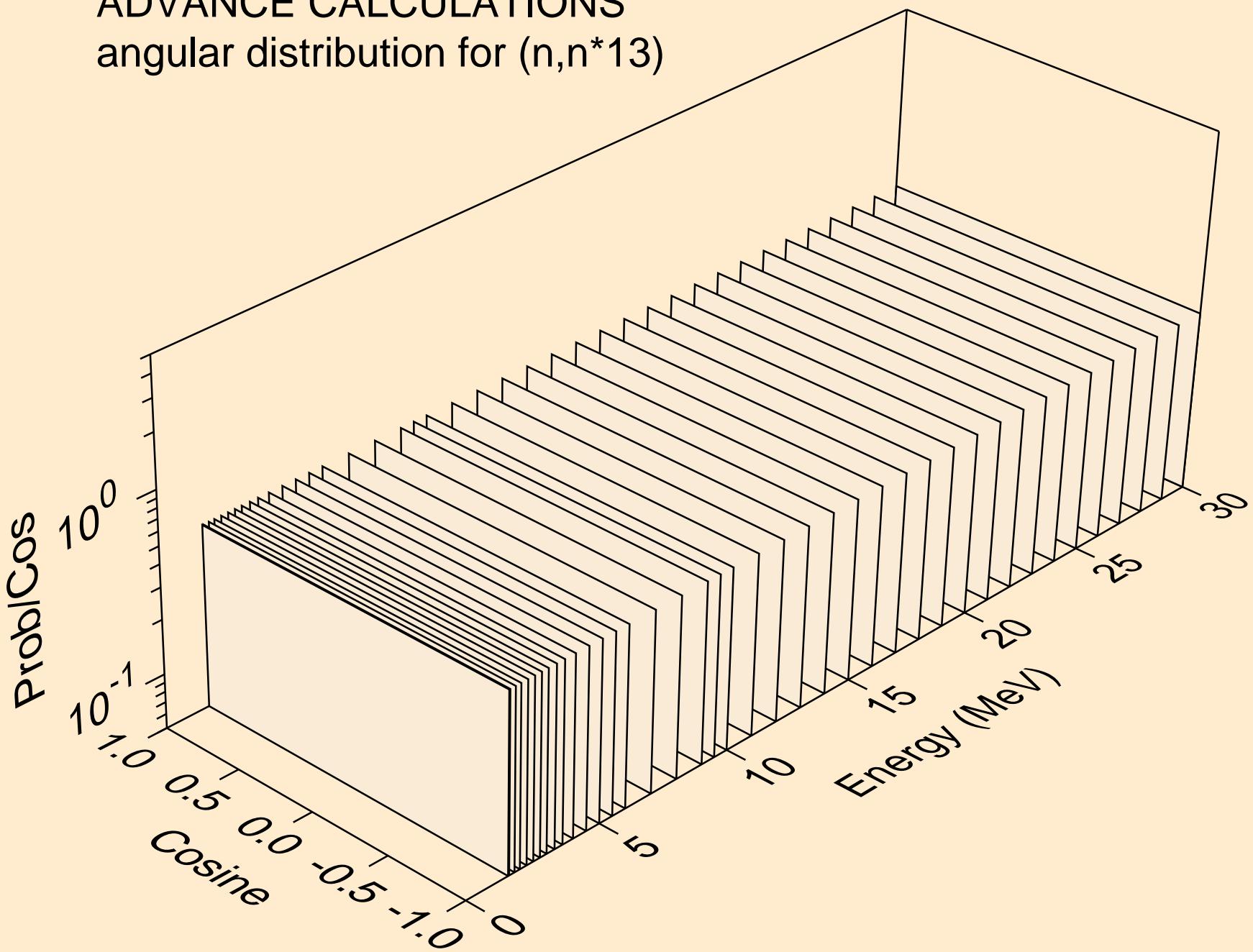
ADVANCE CALCULATIONS

angular distribution for (n,n^*12)



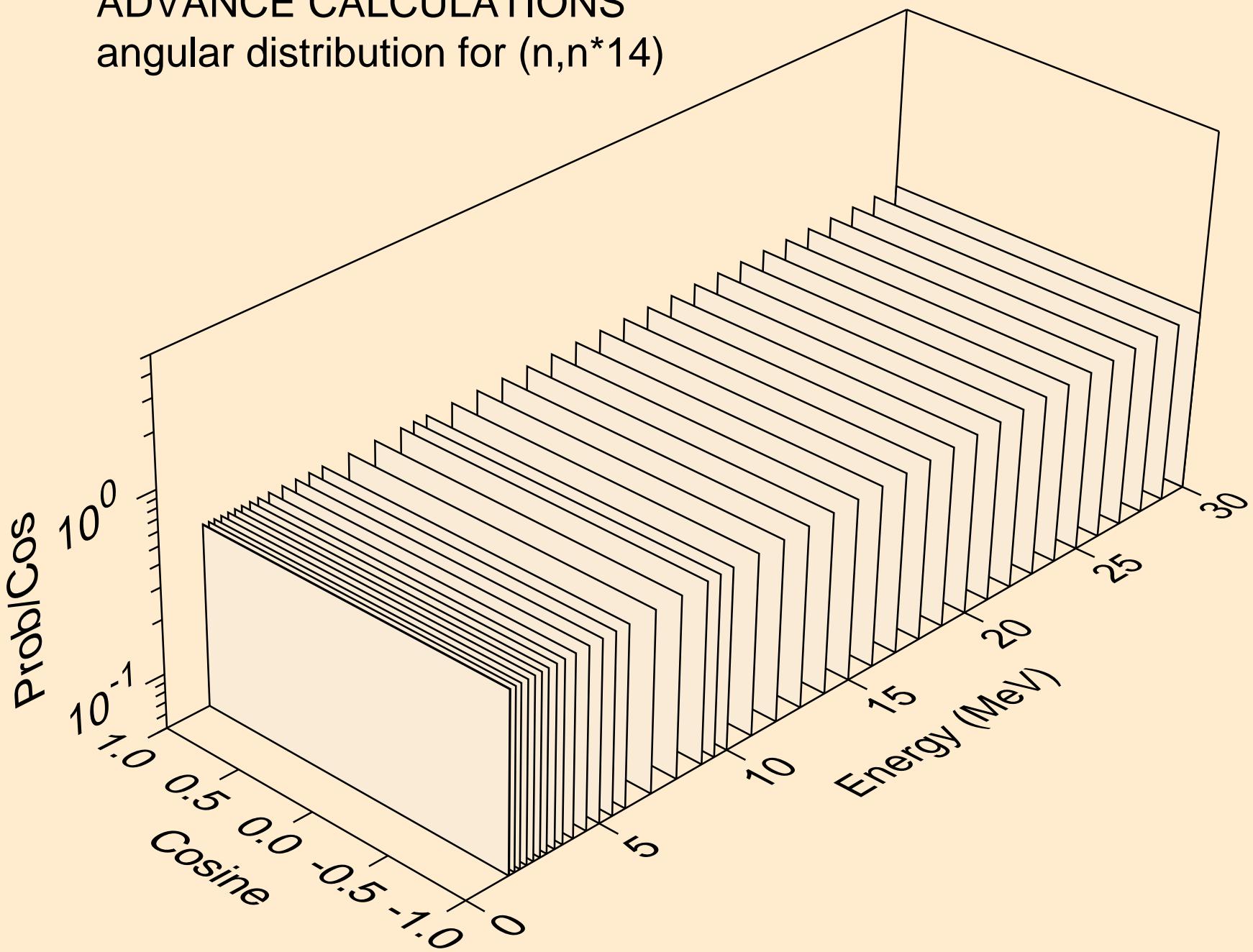
ADVANCE CALCULATIONS

angular distribution for (n,n*13)



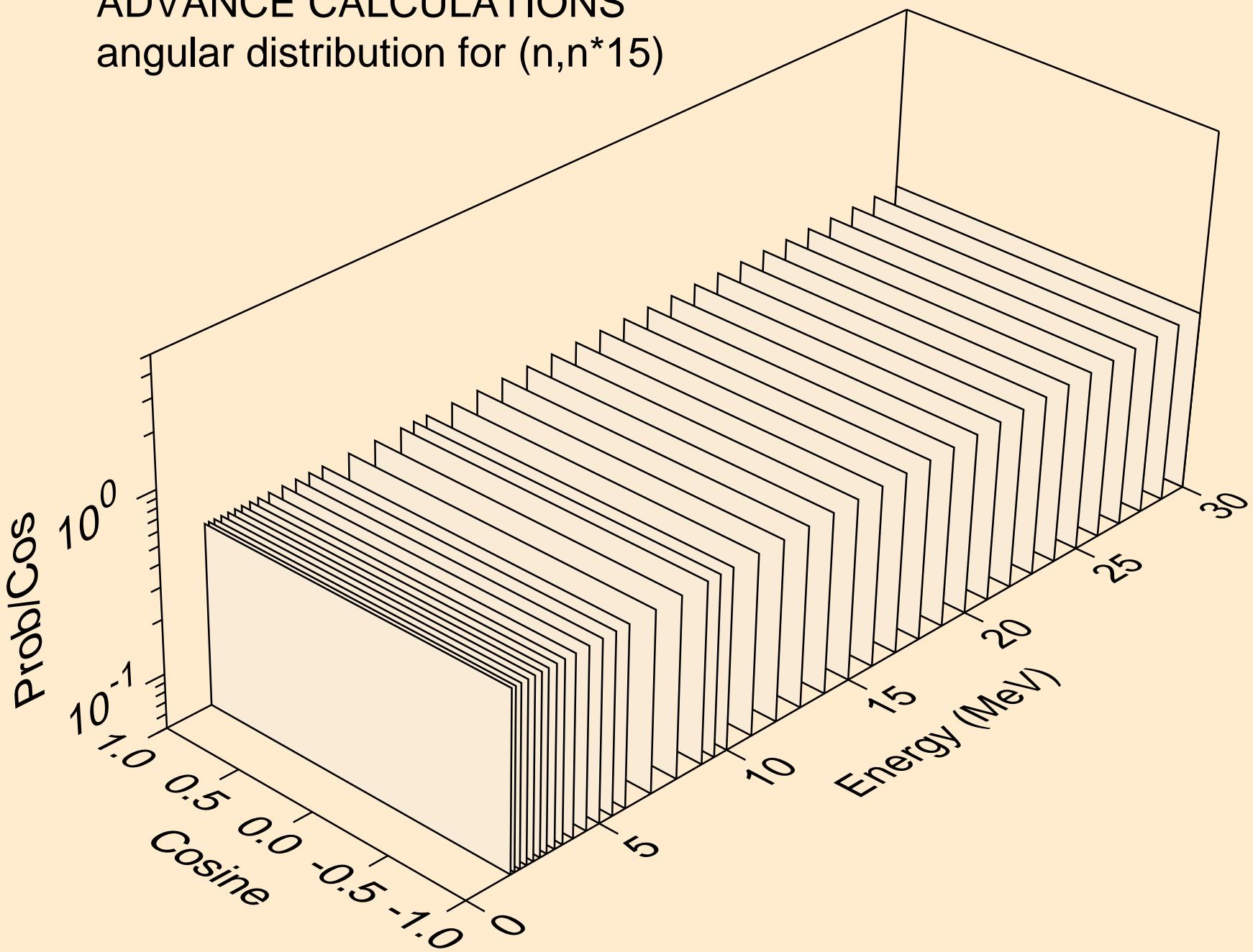
ADVANCE CALCULATIONS

angular distribution for ($n, n^* 14$)



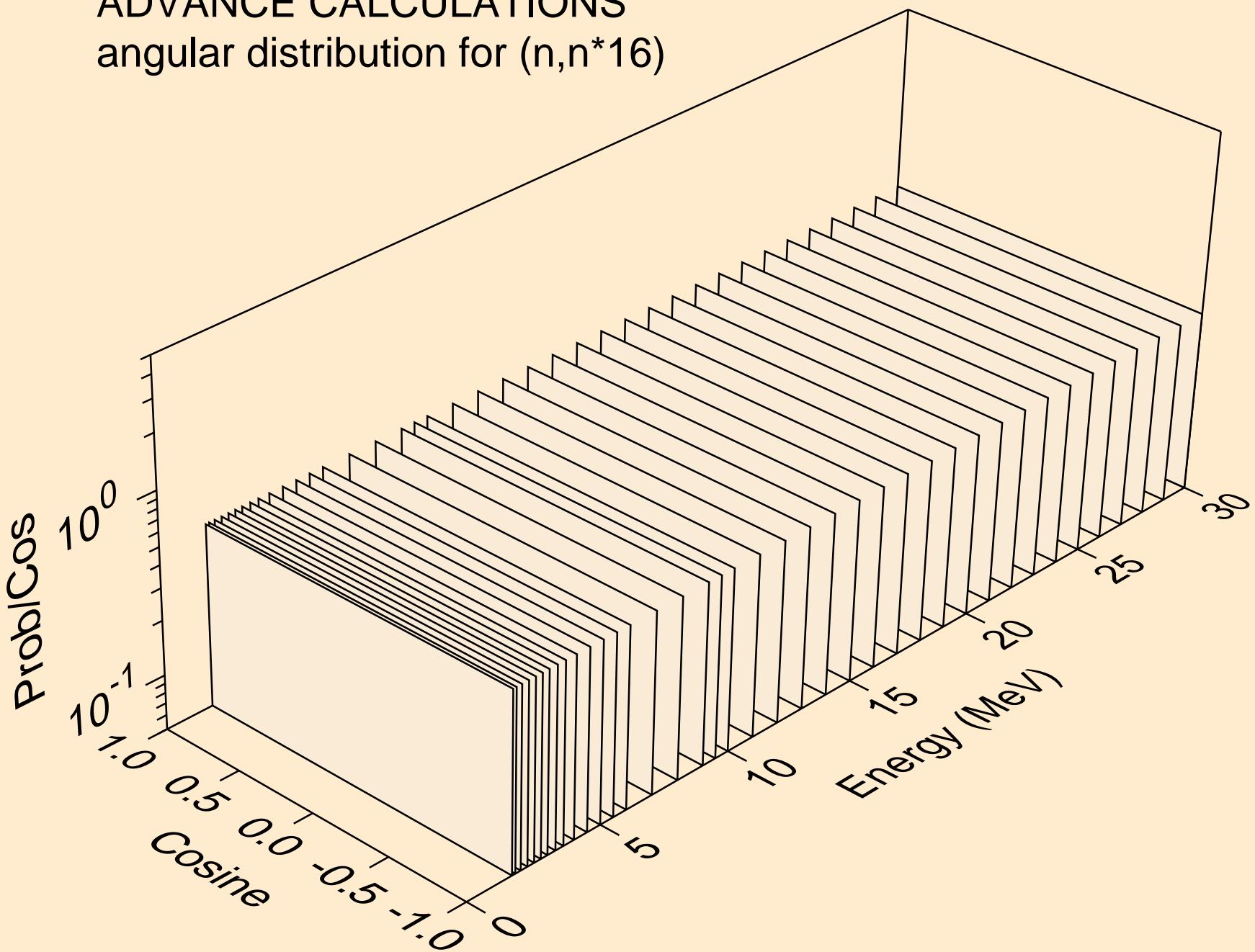
ADVANCE CALCULATIONS

angular distribution for (n,n*15)



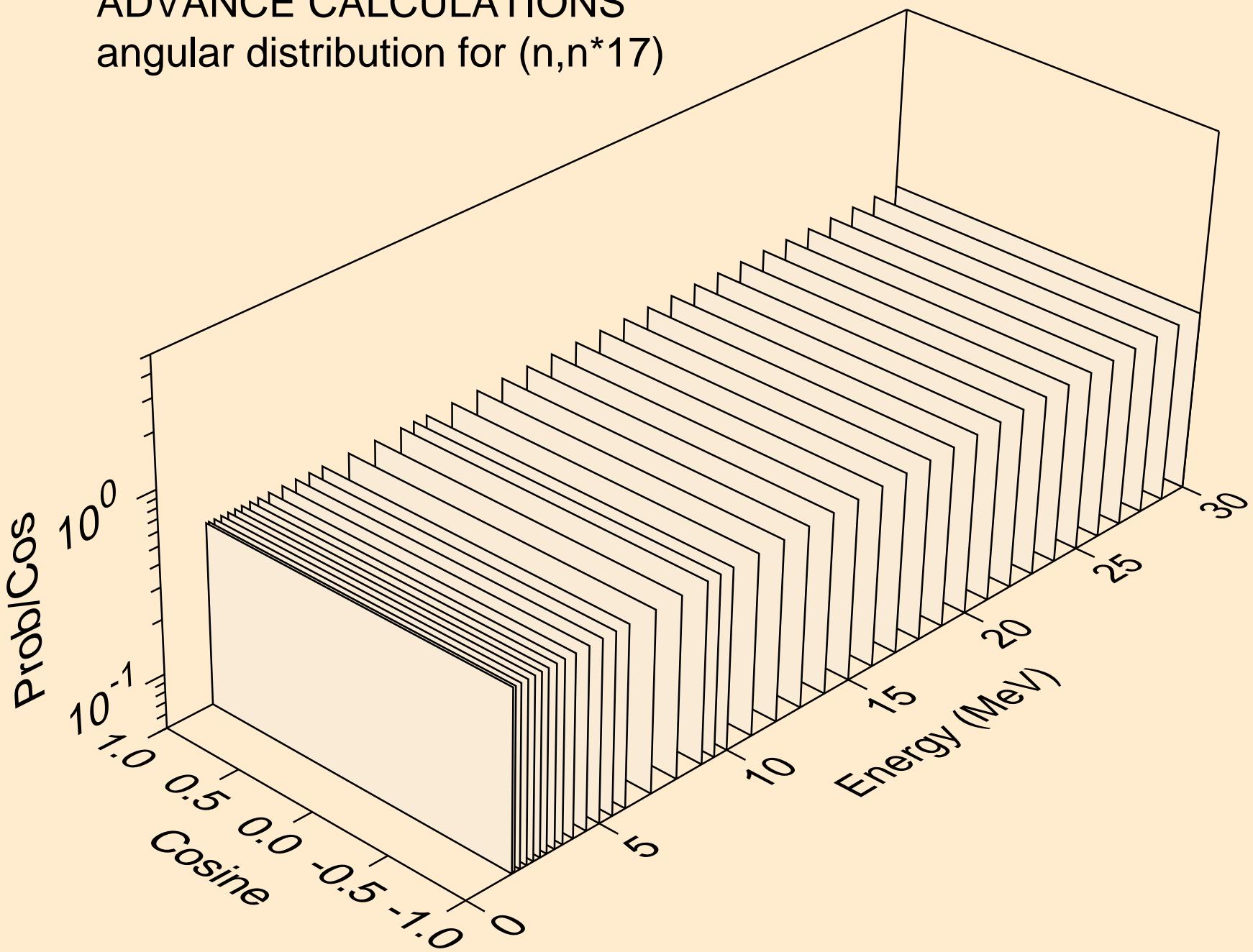
ADVANCE CALCULATIONS

angular distribution for (n,n*16)



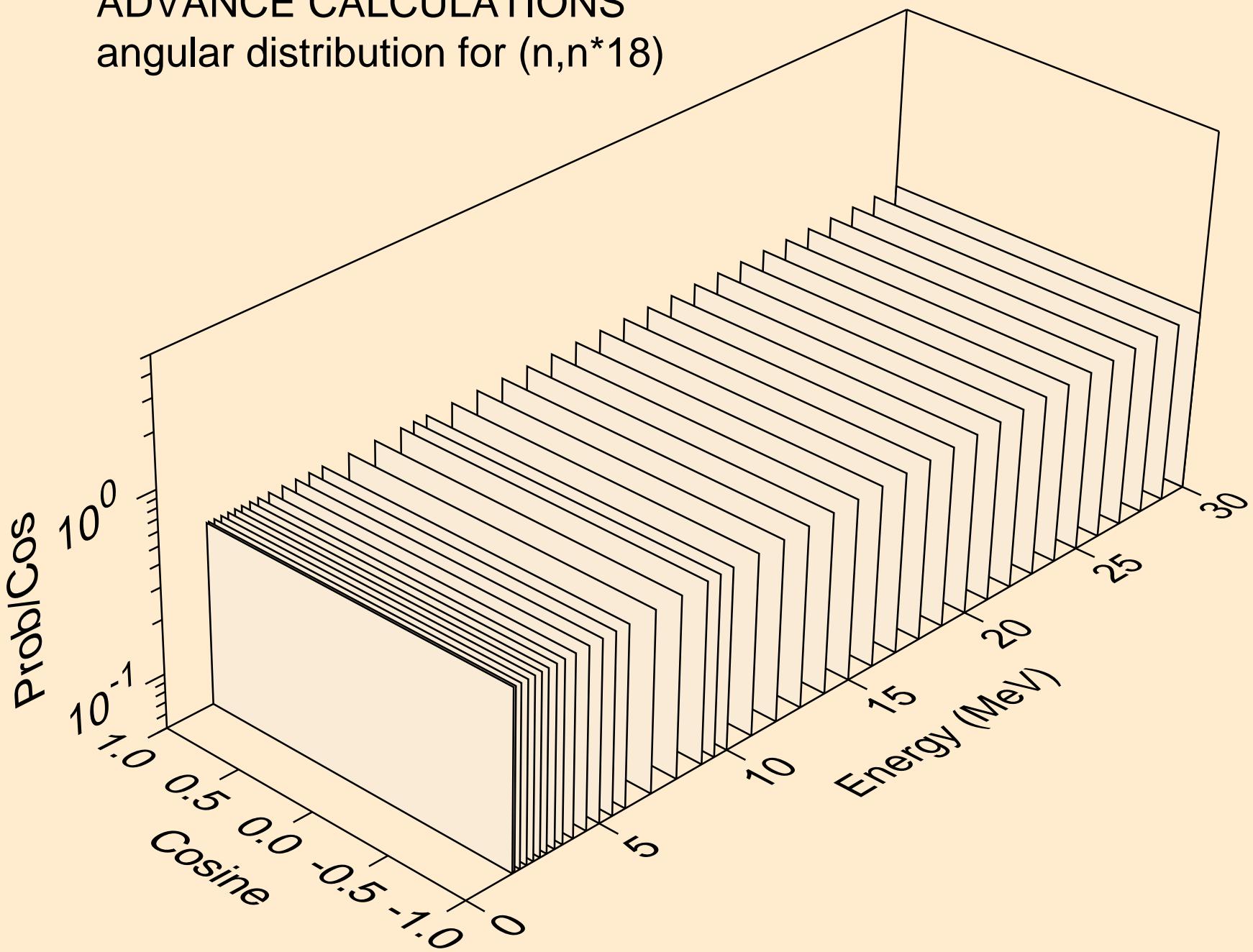
ADVANCE CALCULATIONS

angular distribution for (n,n*17)



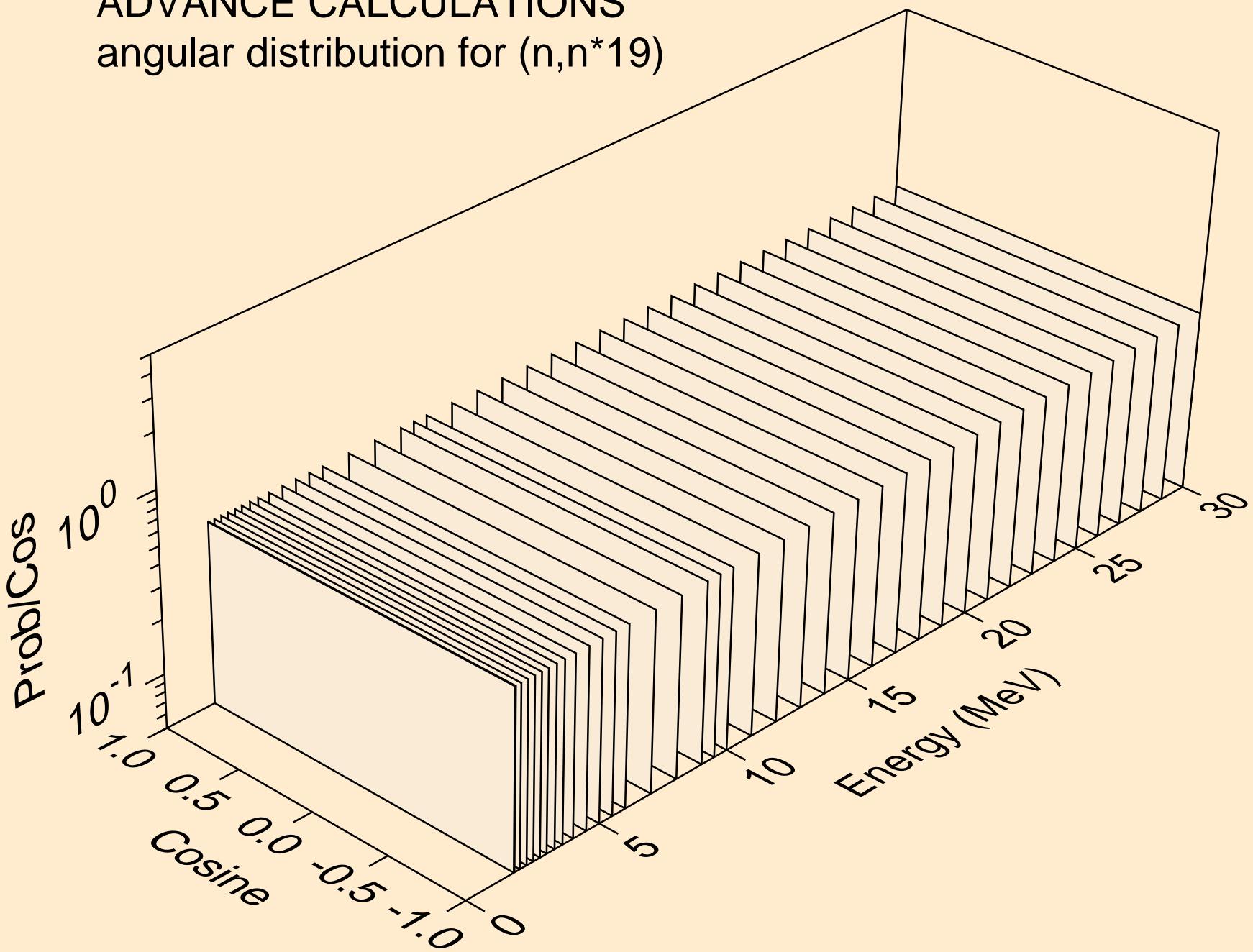
ADVANCE CALCULATIONS

angular distribution for (n,n*18)



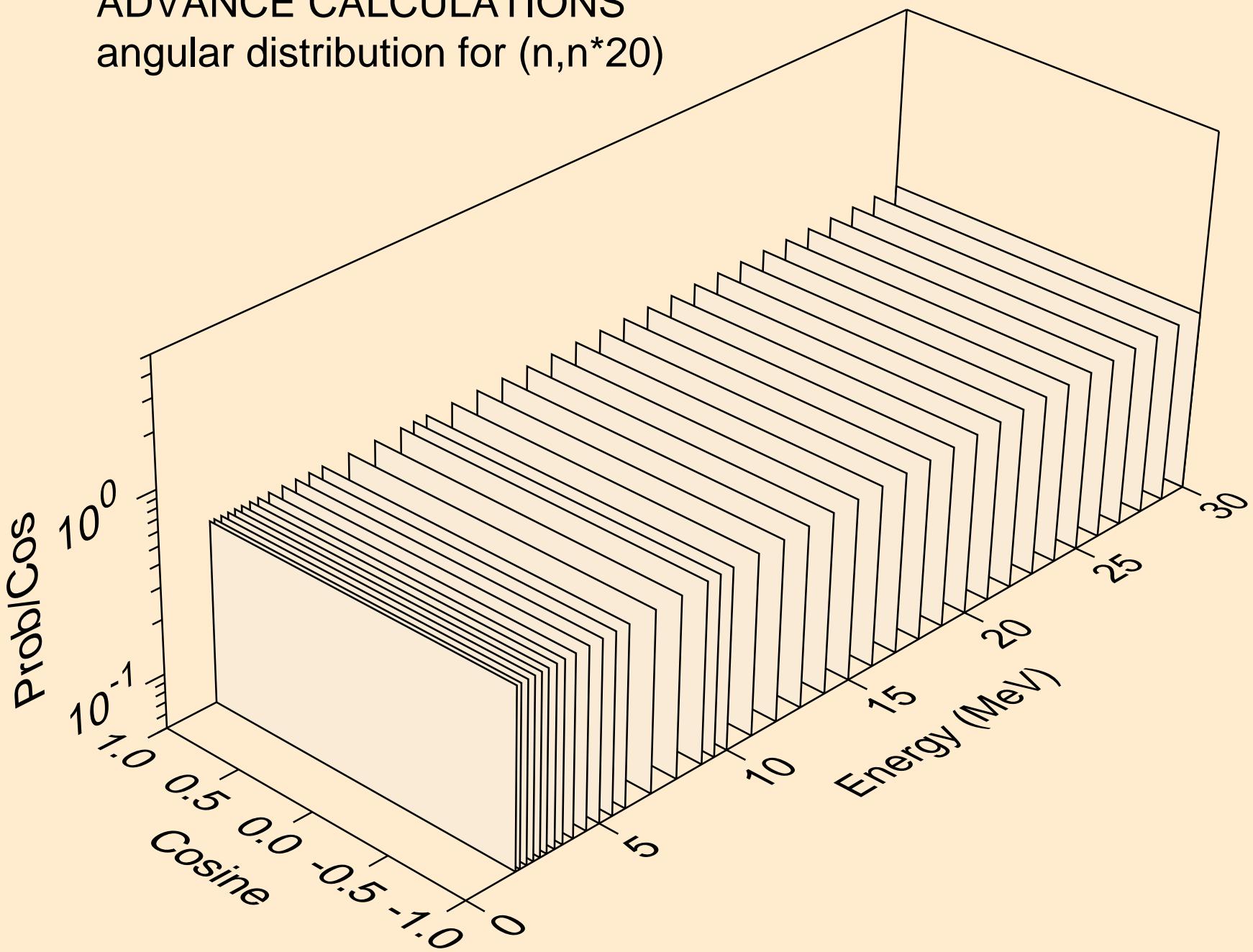
ADVANCE CALCULATIONS

angular distribution for (n,n*19)



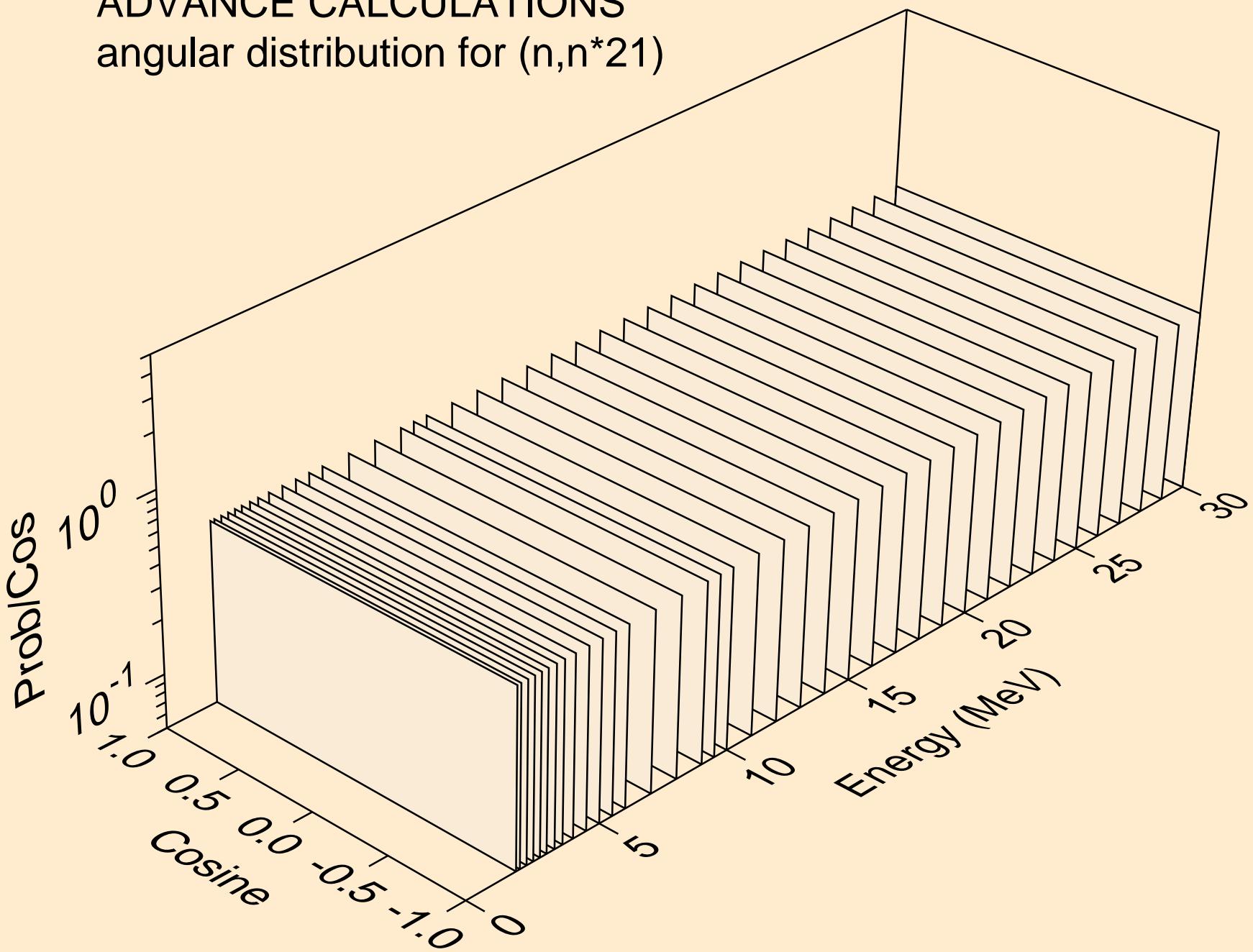
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)20$



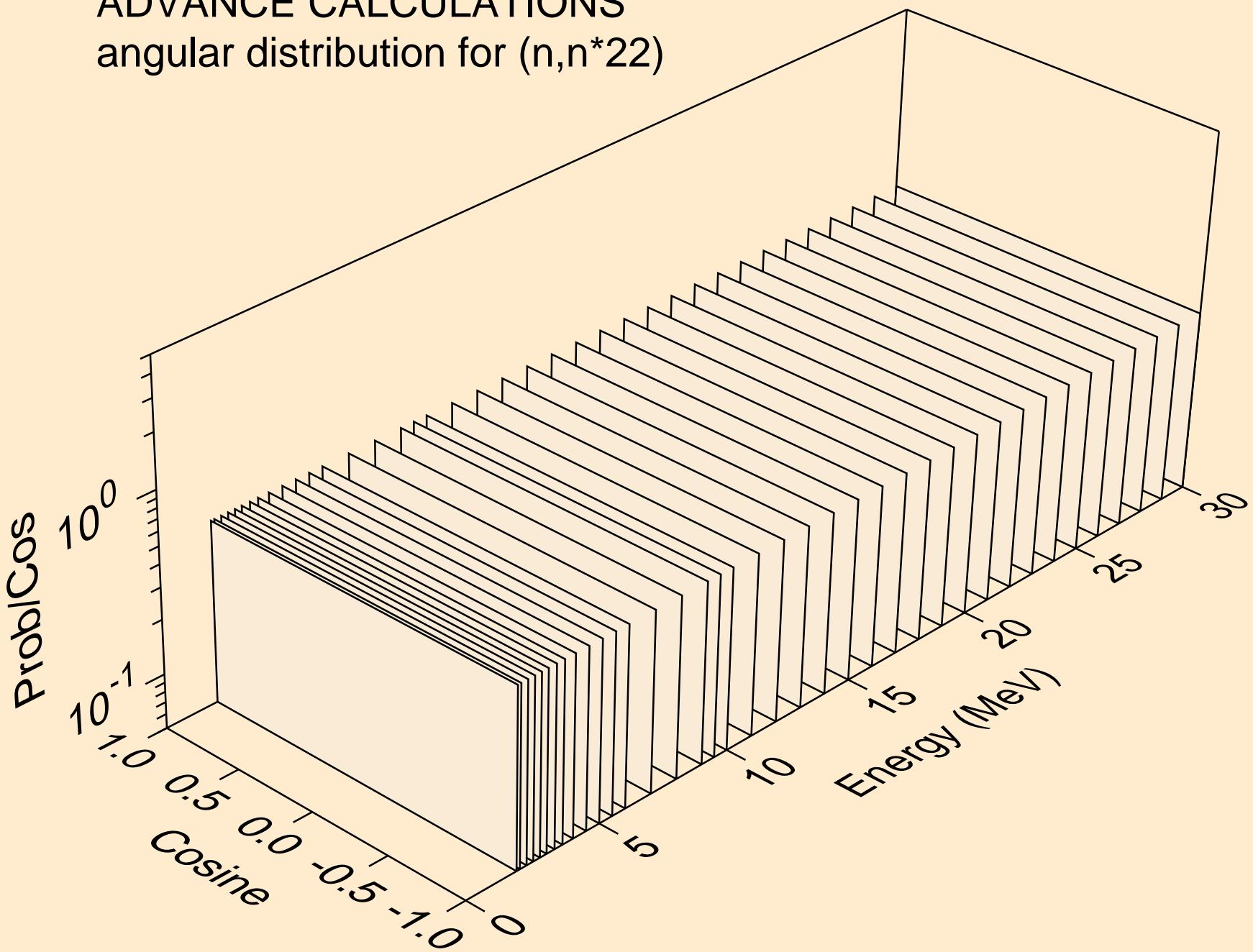
ADVANCE CALCULATIONS

angular distribution for (n,n^*21)



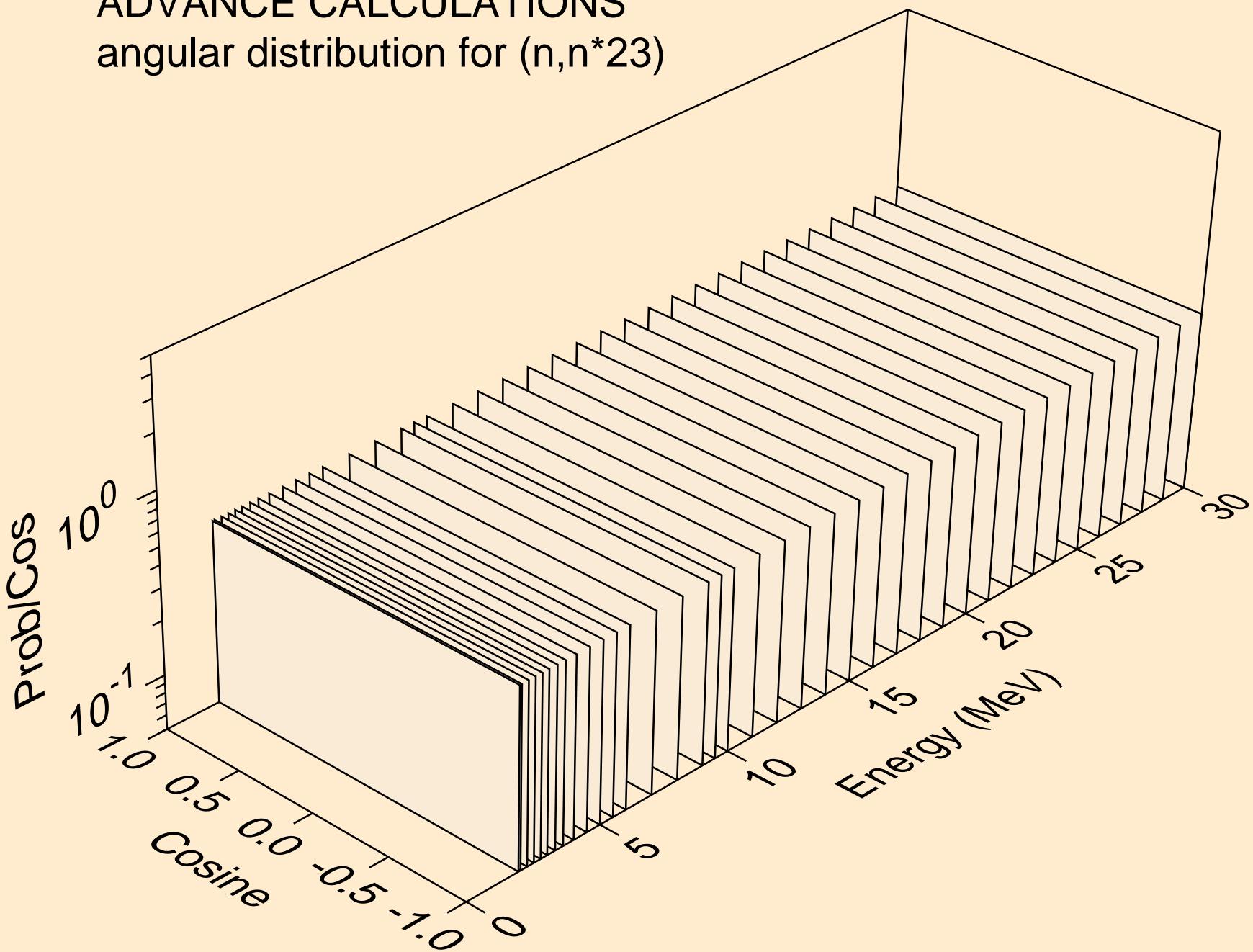
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^{22}$



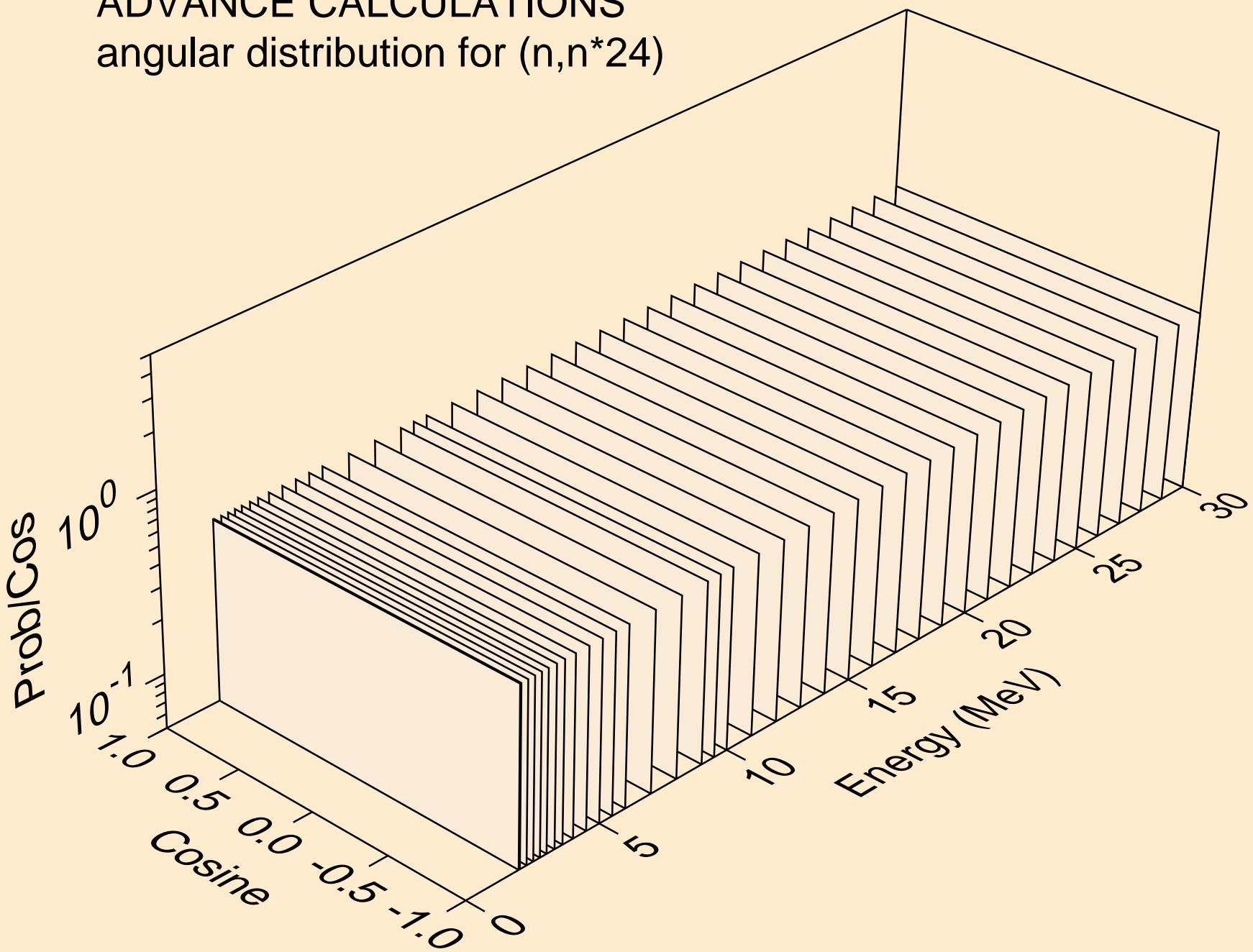
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^{23}$



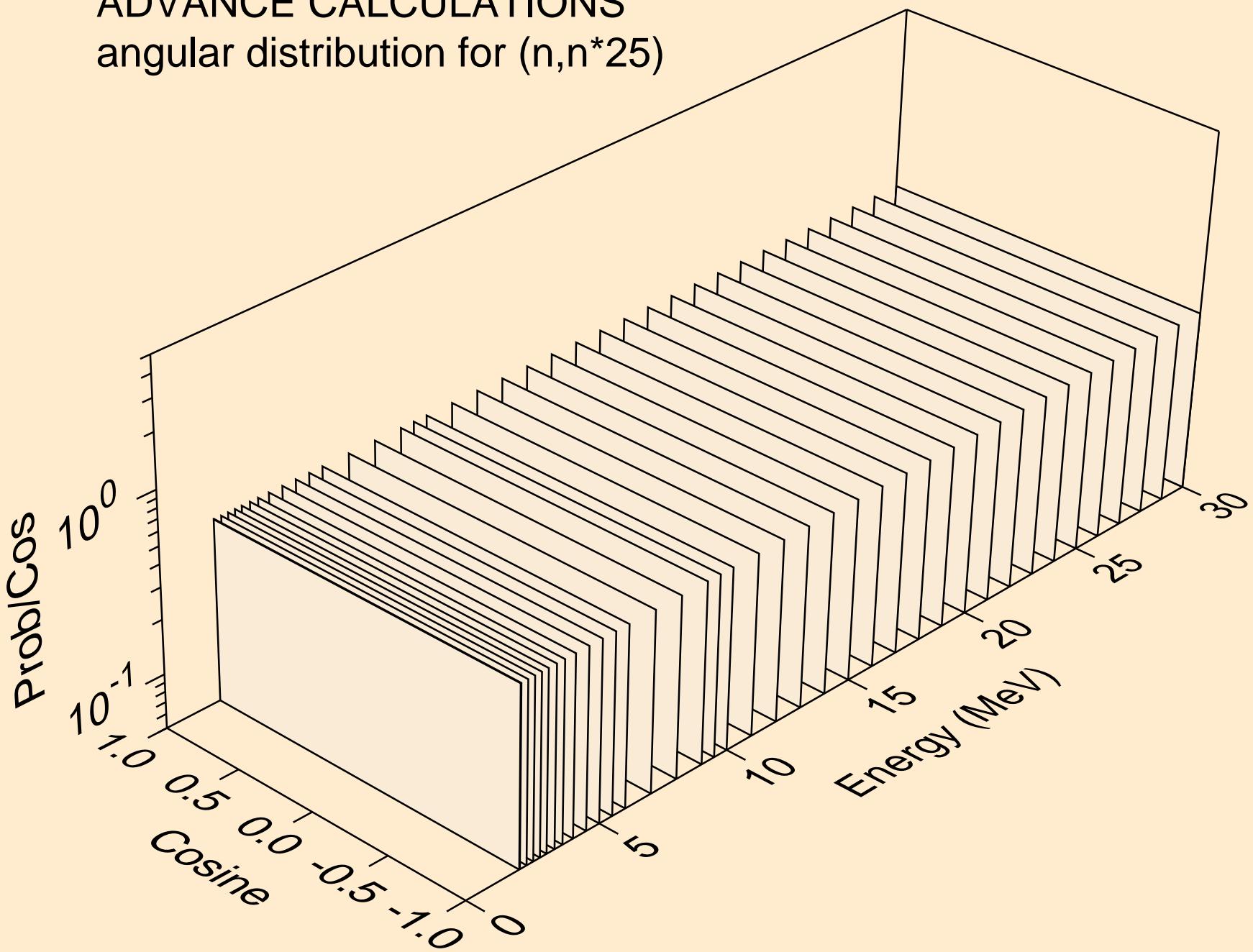
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^{24}$



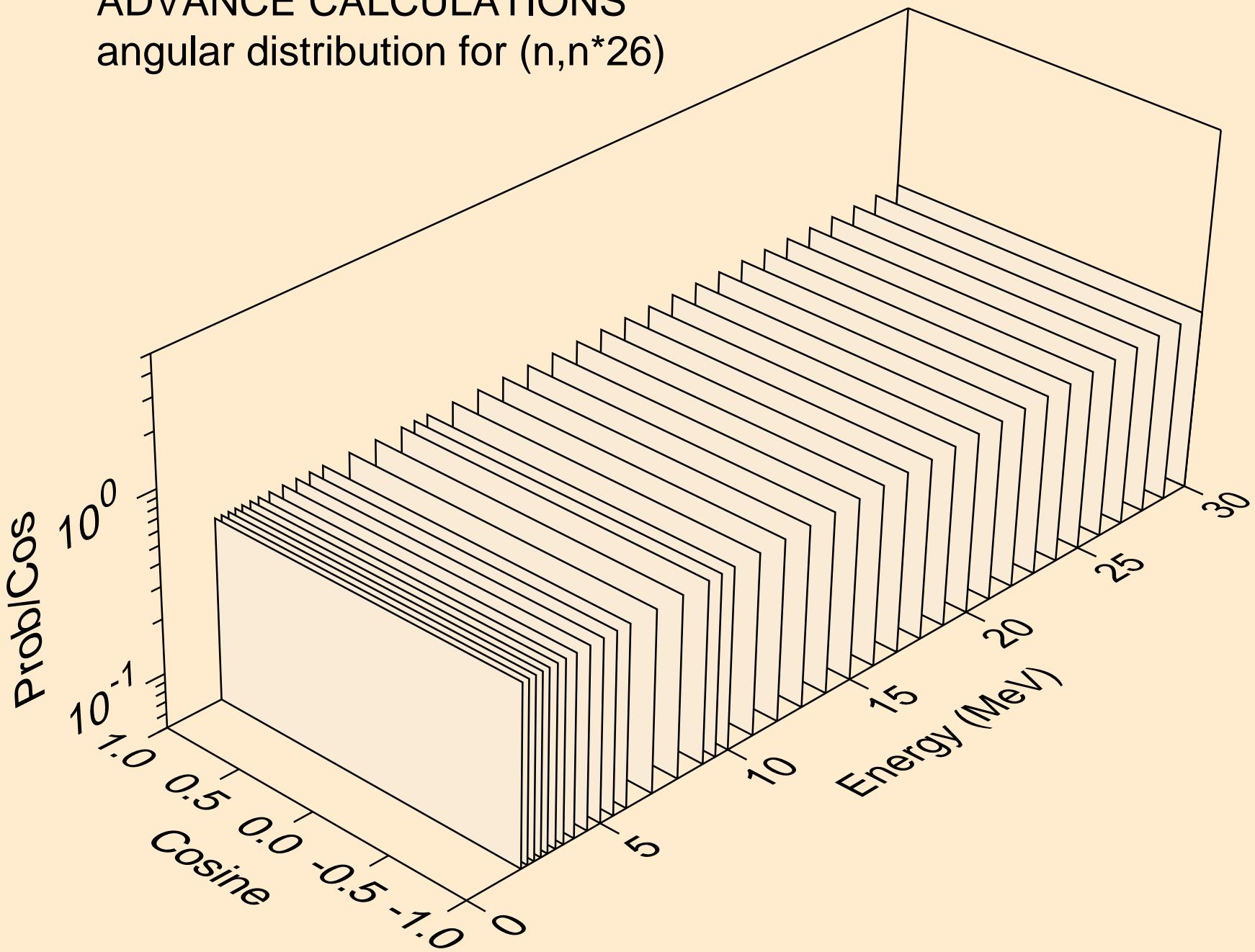
ADVANCE CALCULATIONS

angular distribution for (n,n*25)



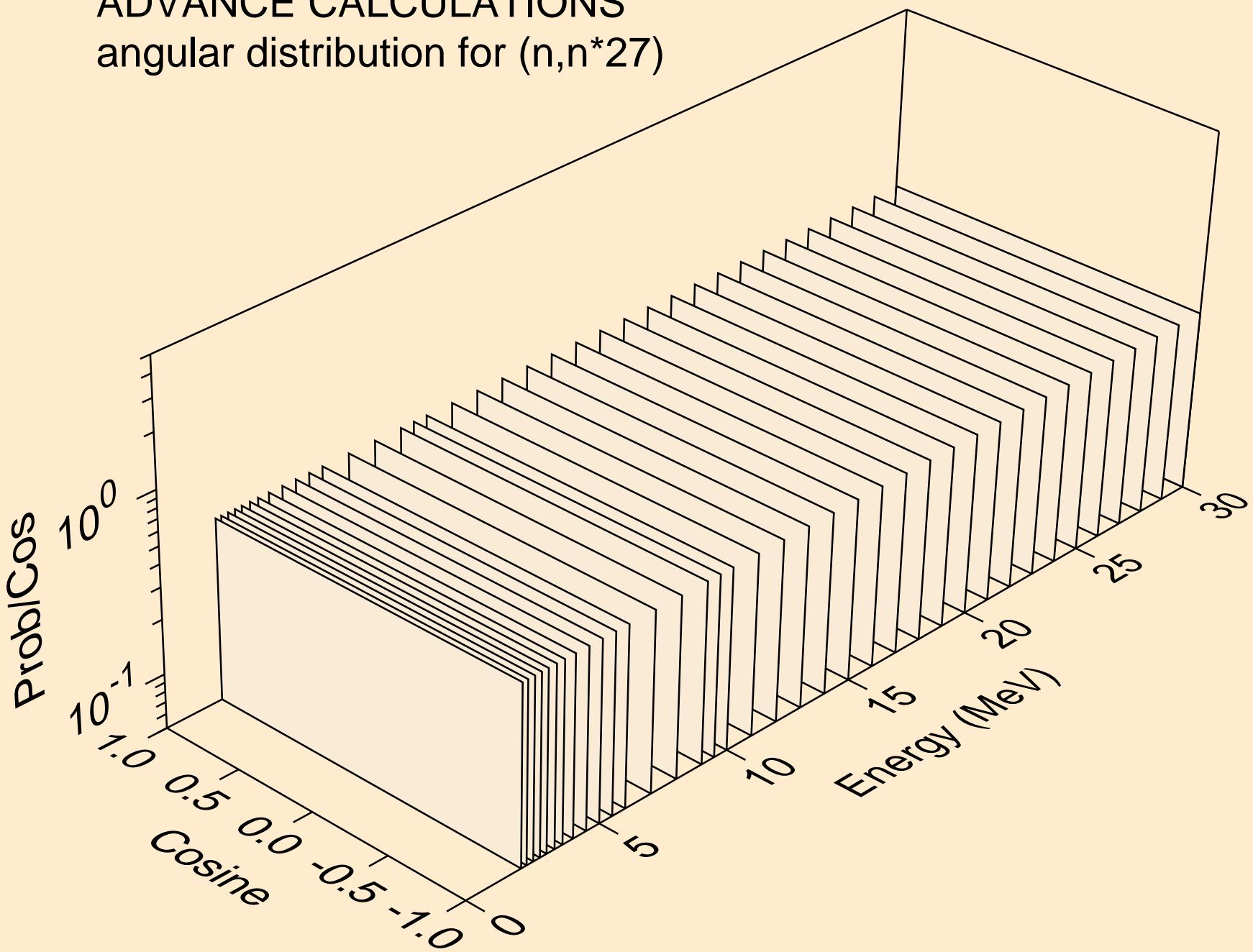
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)_{26}$



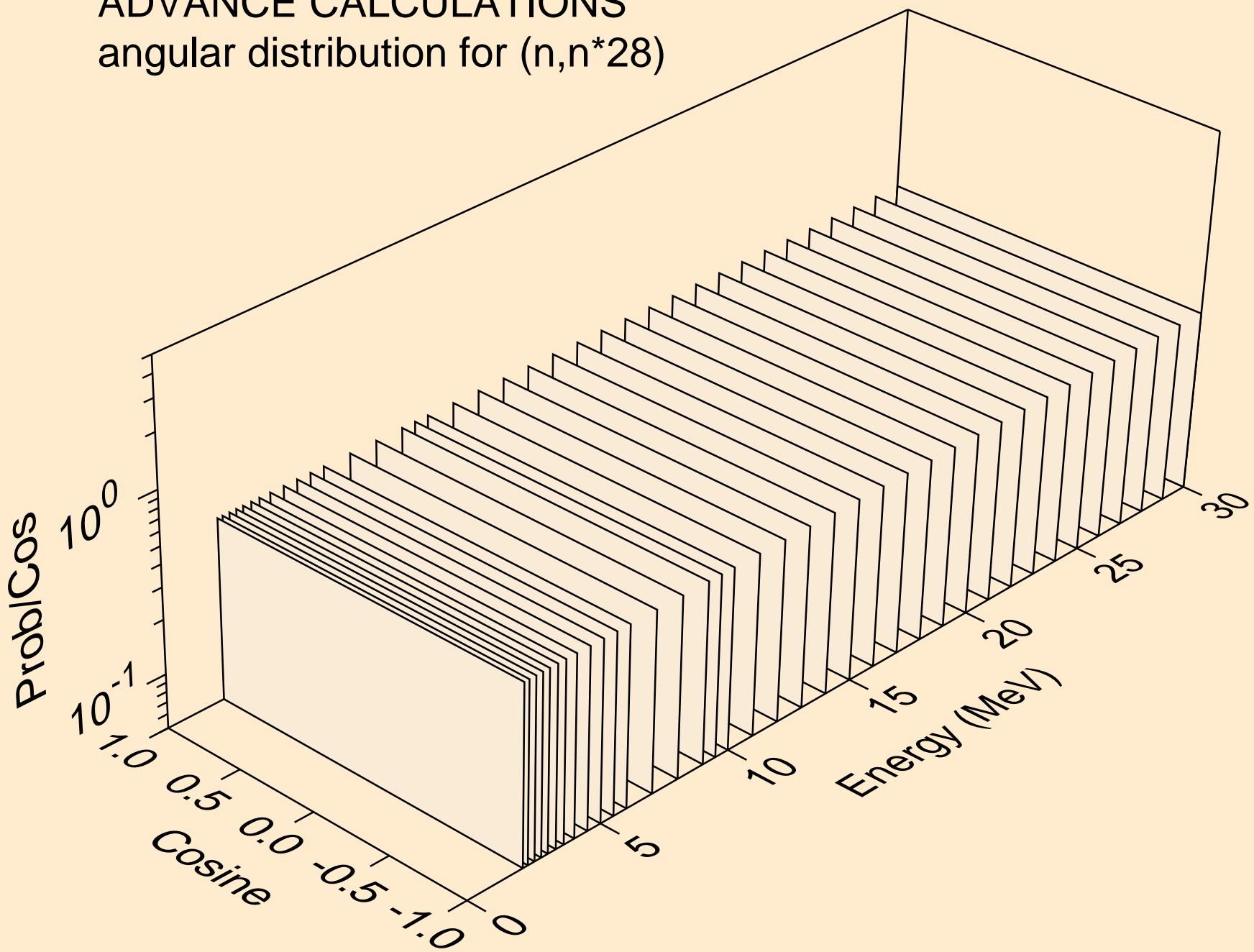
ADVANCE CALCULATIONS

angular distribution for ($n, n^* 27$)



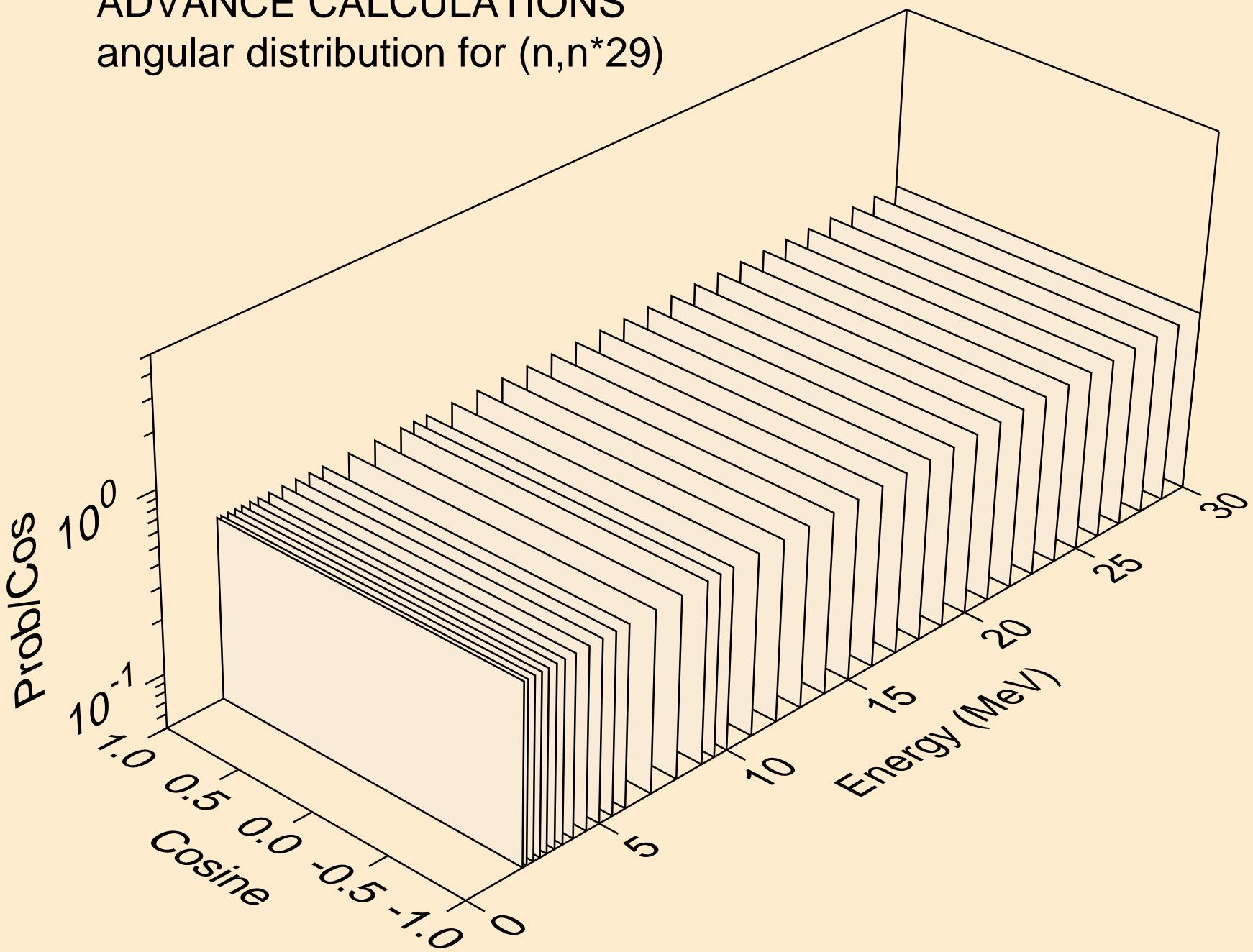
ADVANCE CALCULATIONS

angular distribution for $(n,n^*)^{28}$



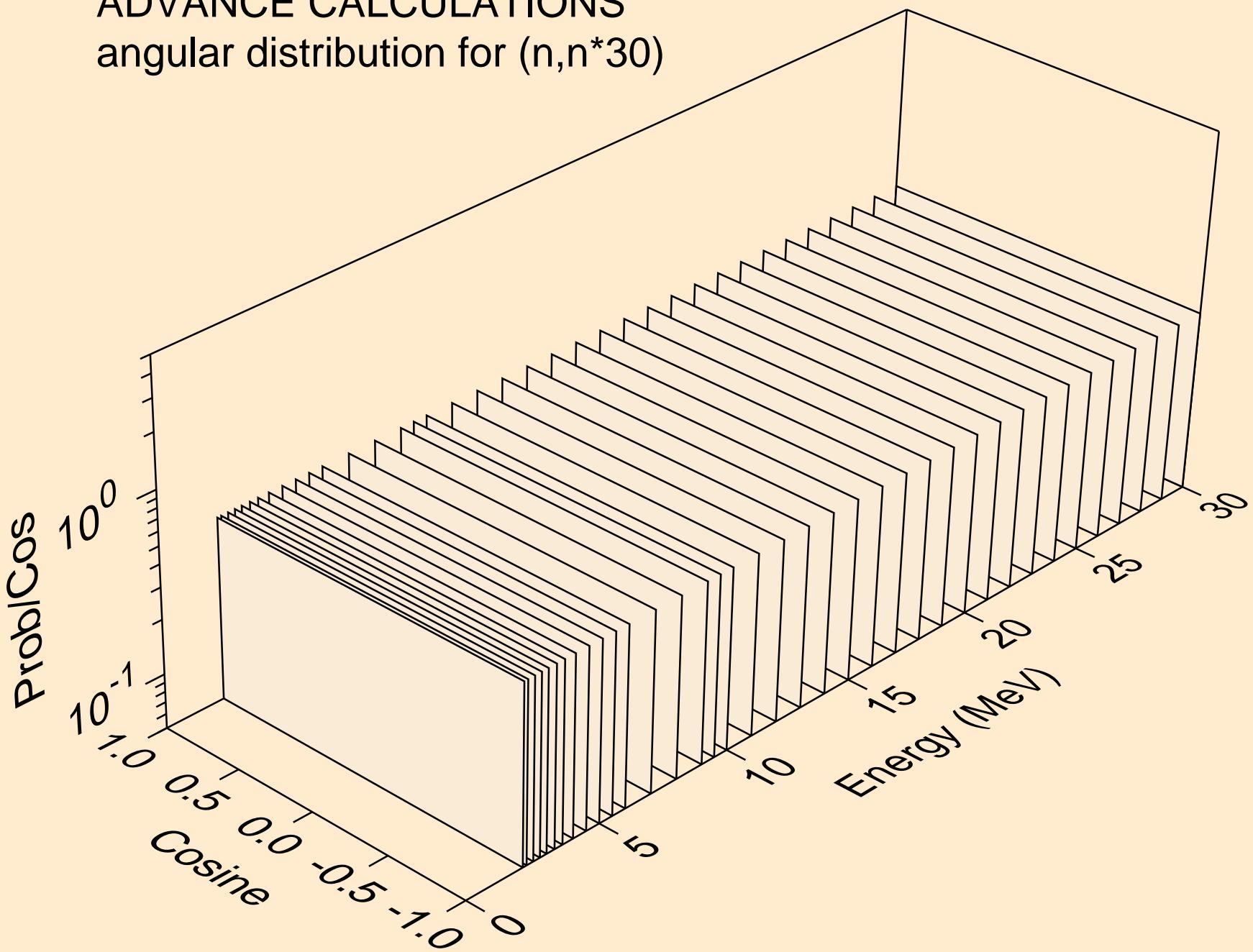
ADVANCE CALCULATIONS

angular distribution for (n,n*29)



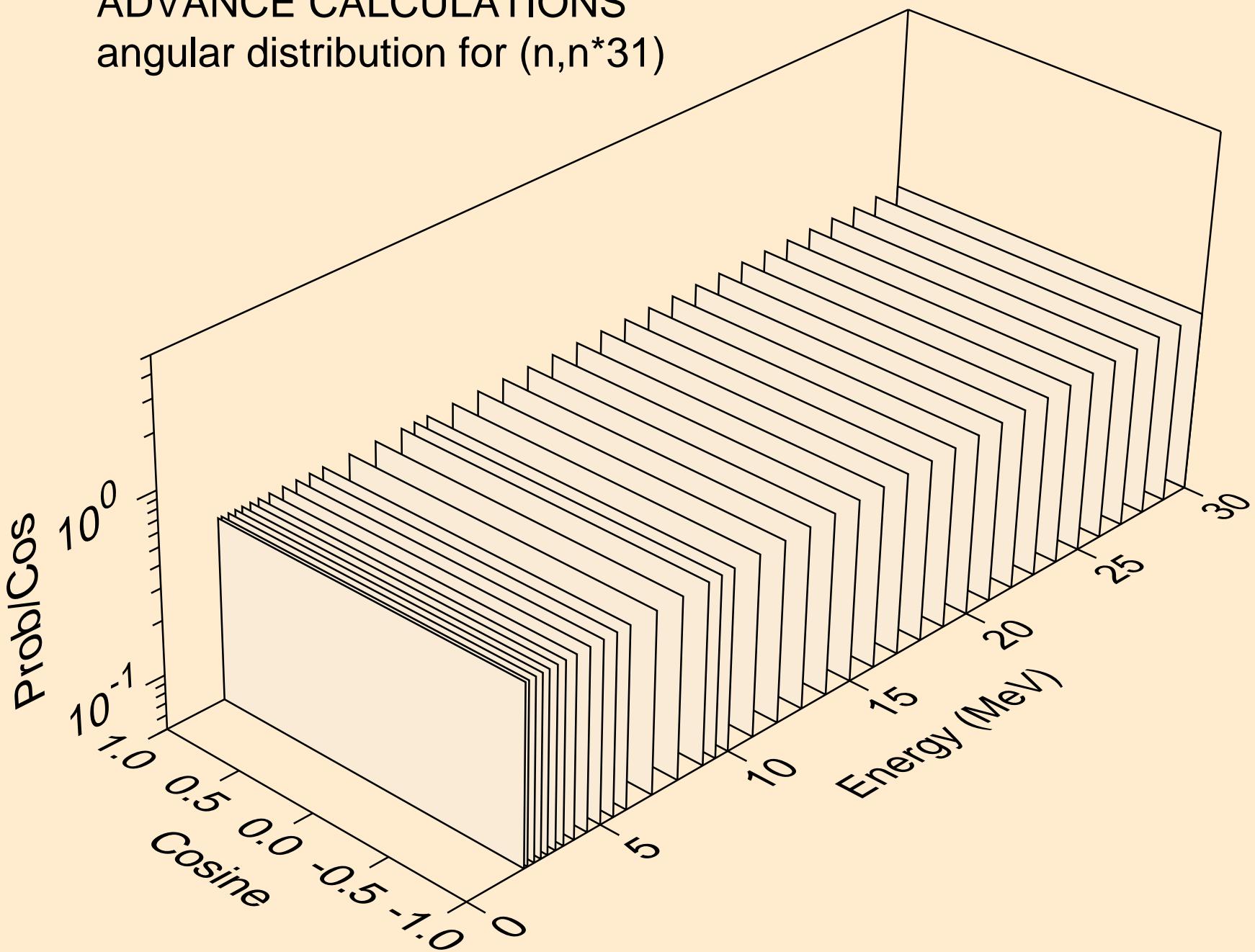
ADVANCE CALCULATIONS

angular distribution for (n,n*30)



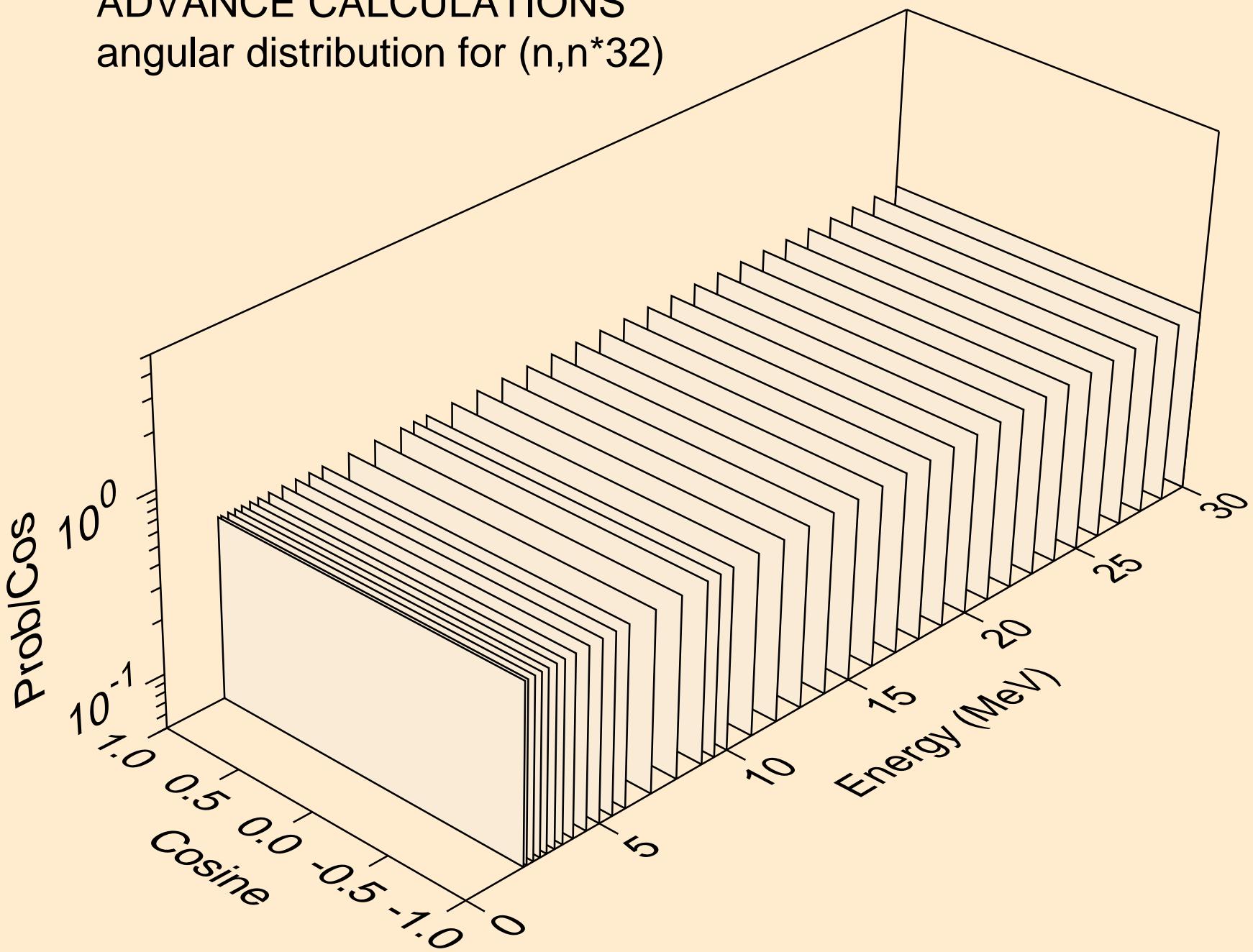
ADVANCE CALCULATIONS

angular distribution for (n, n^*31)



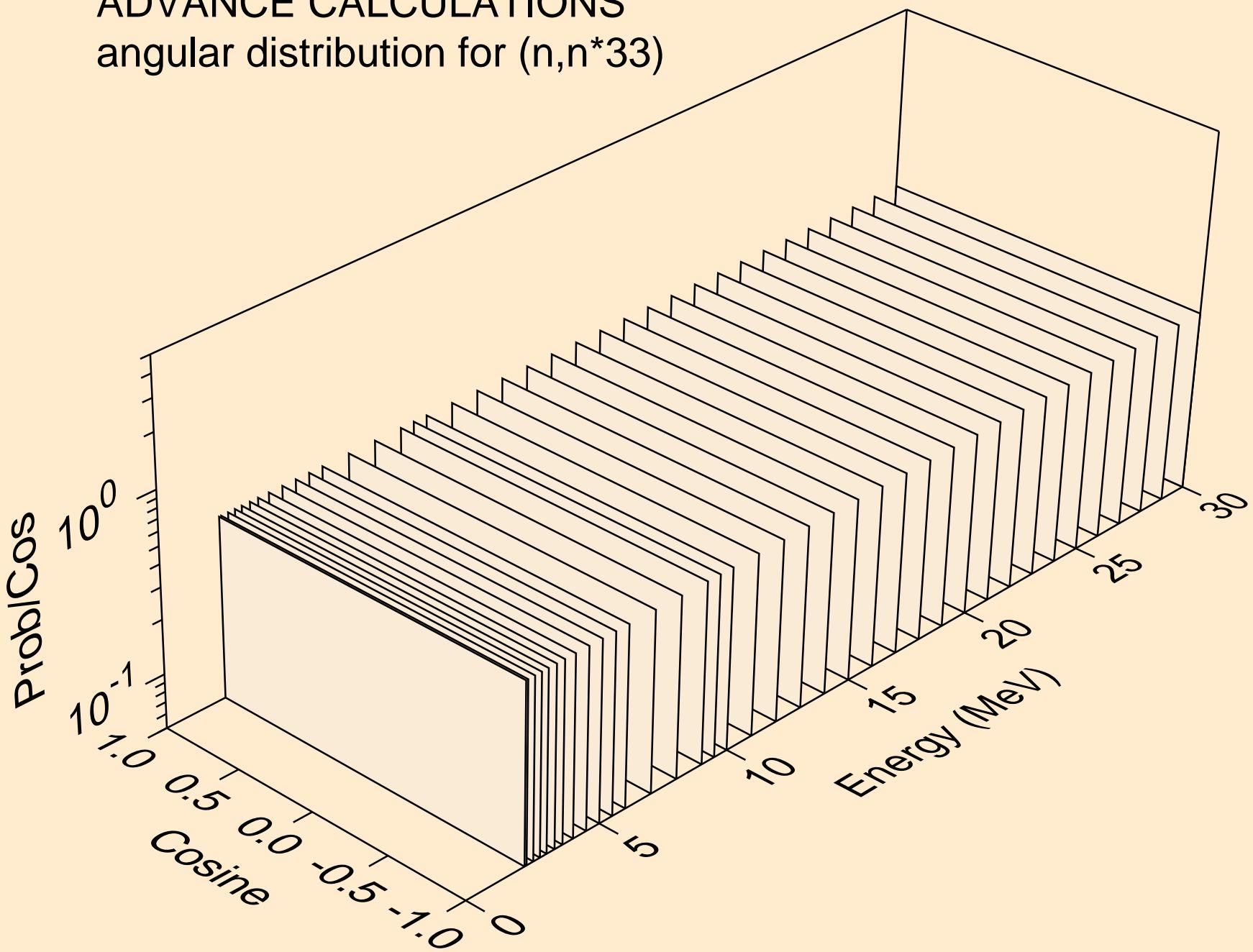
ADVANCE CALCULATIONS

angular distribution for (n,n^*32)



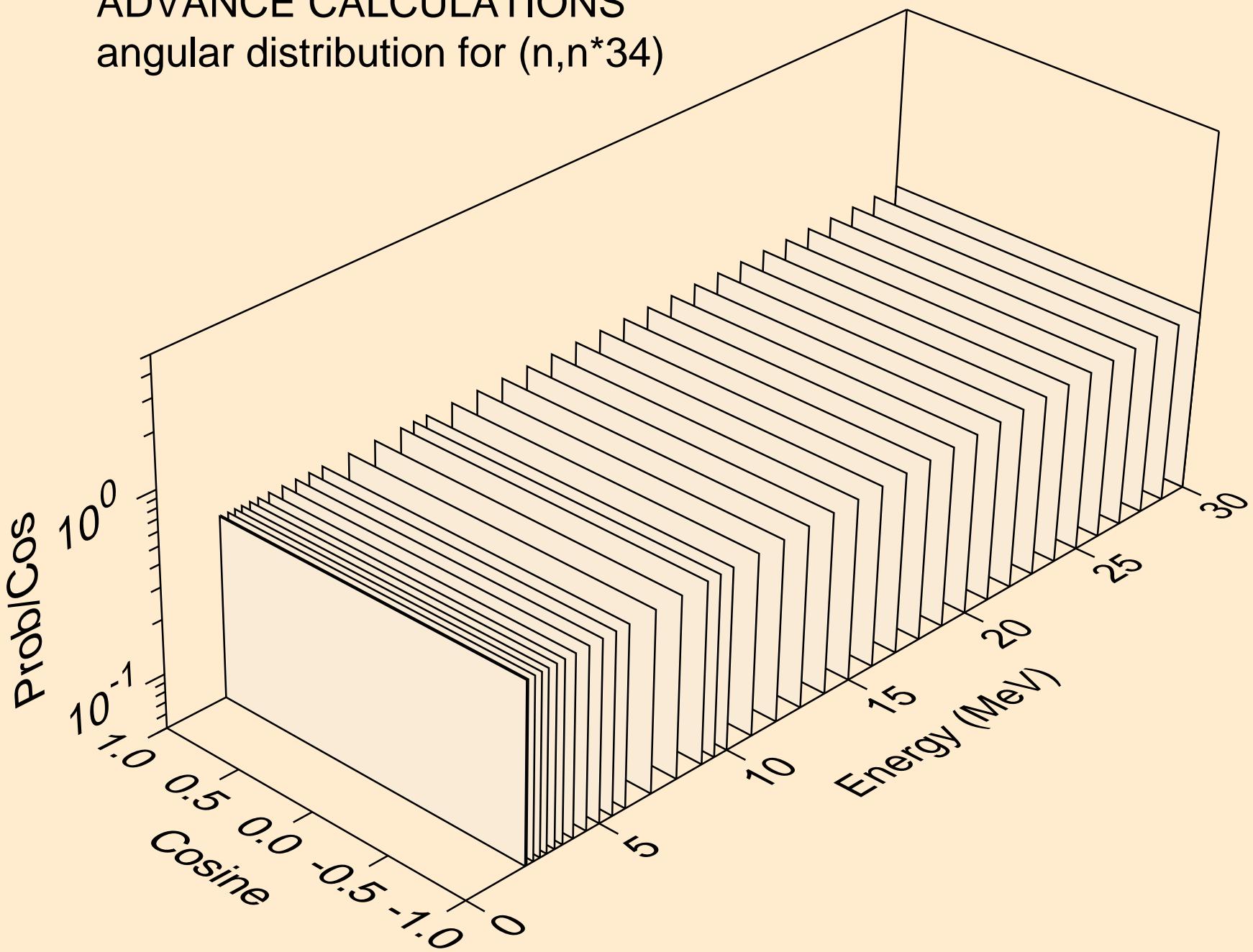
ADVANCE CALCULATIONS

angular distribution for (n,n^*33)



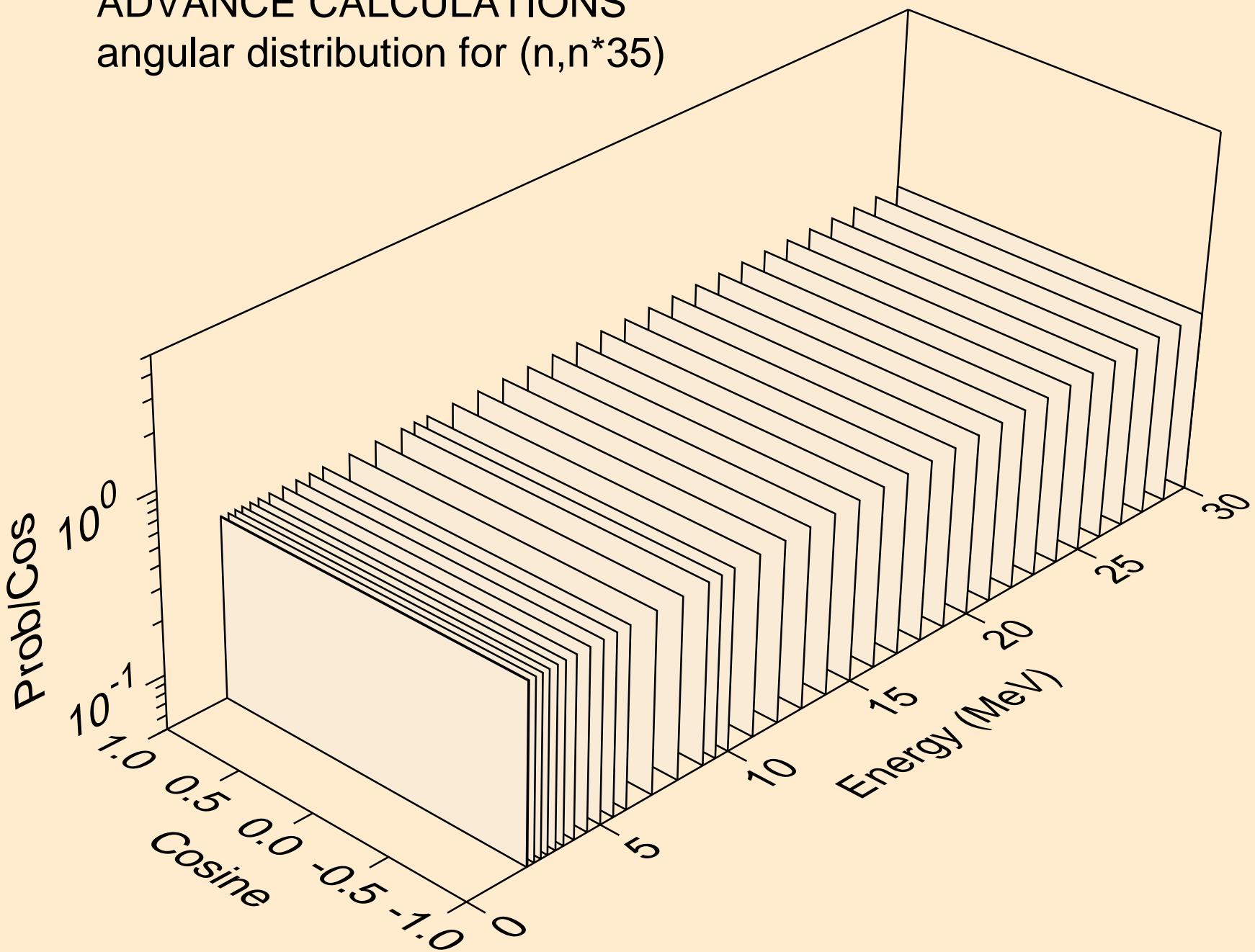
ADVANCE CALCULATIONS

angular distribution for (n,n*34)



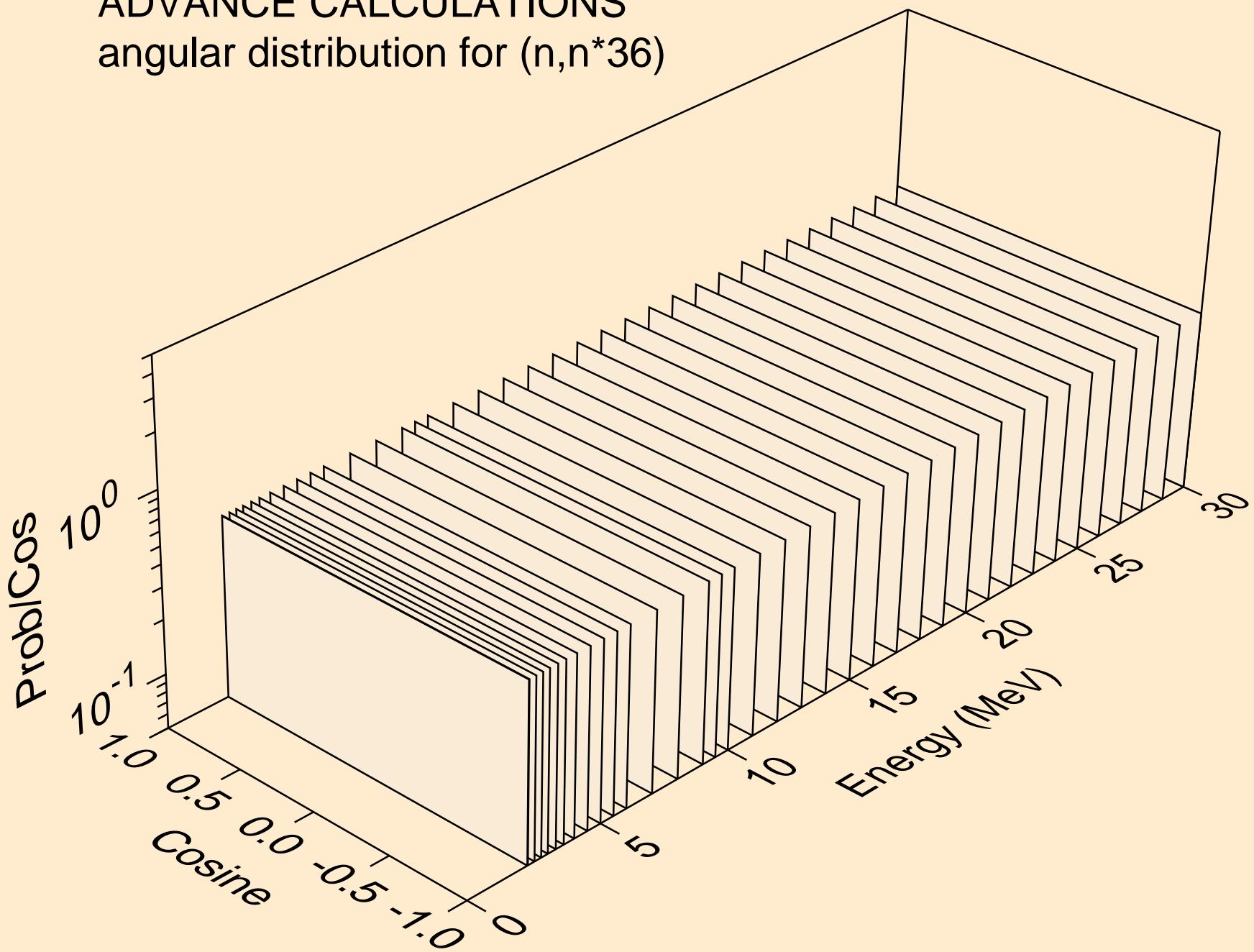
ADVANCE CALCULATIONS

angular distribution for (n,n*35)



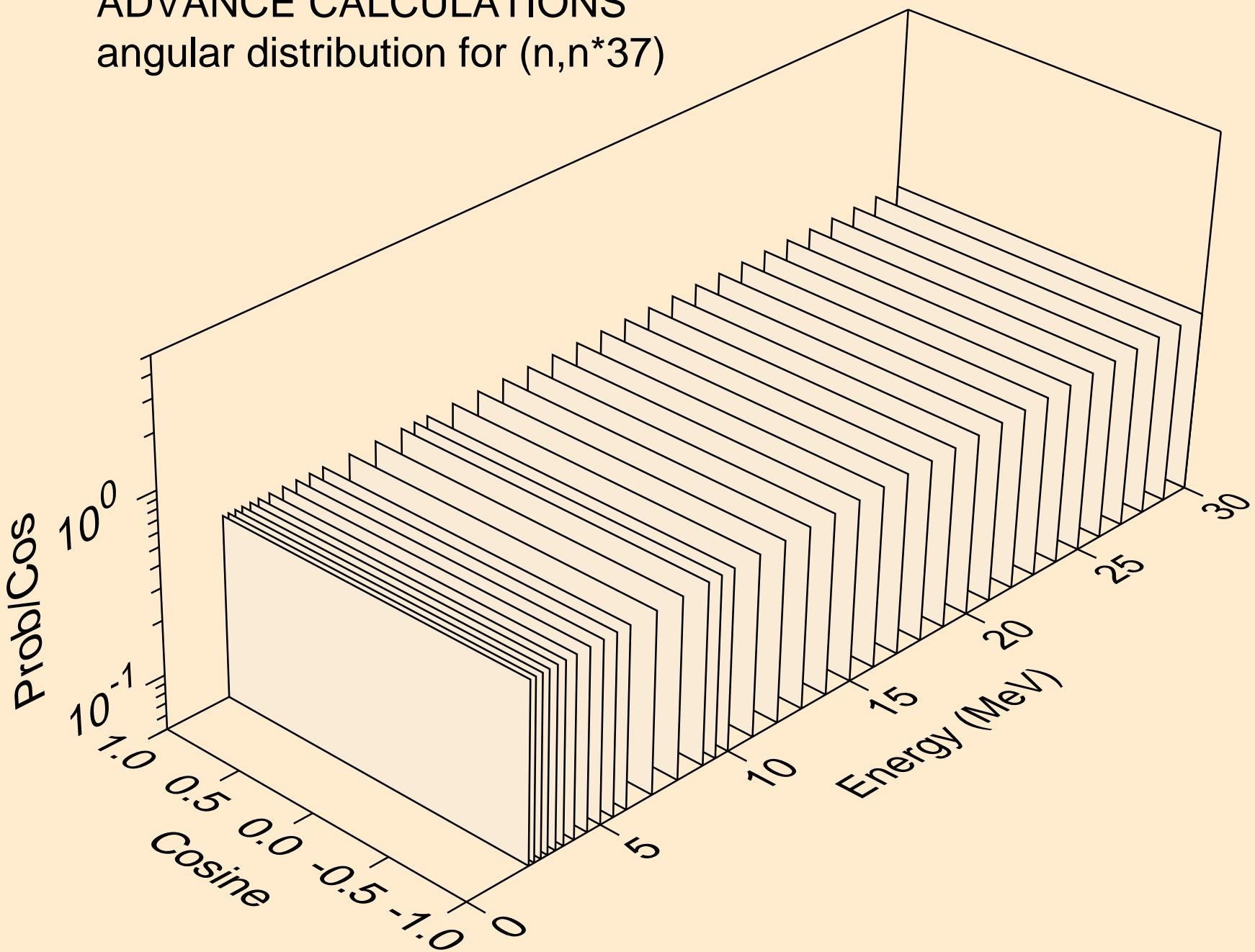
ADVANCE CALCULATIONS

angular distribution for (n,n^*36)



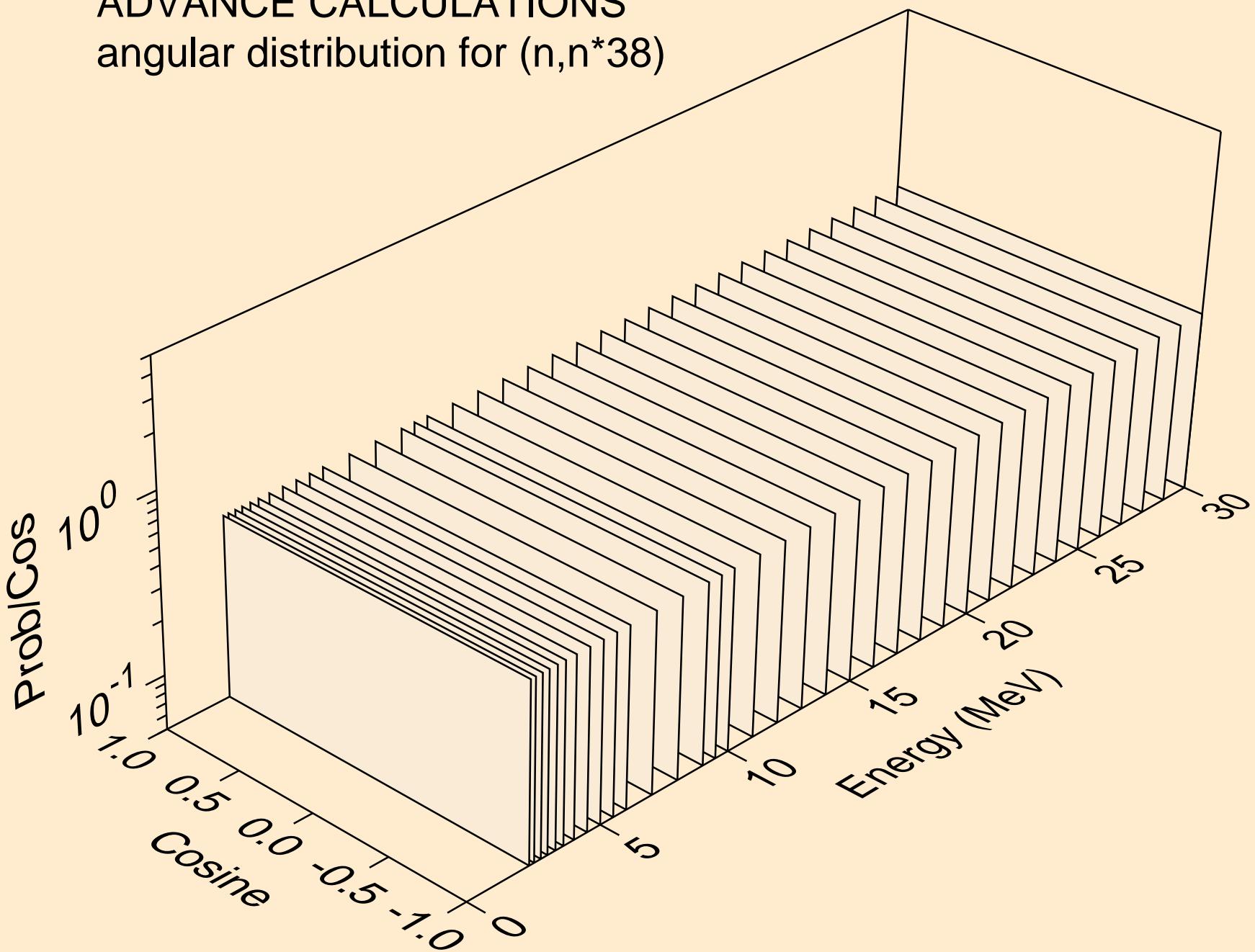
ADVANCE CALCULATIONS

angular distribution for (n,n^*37)



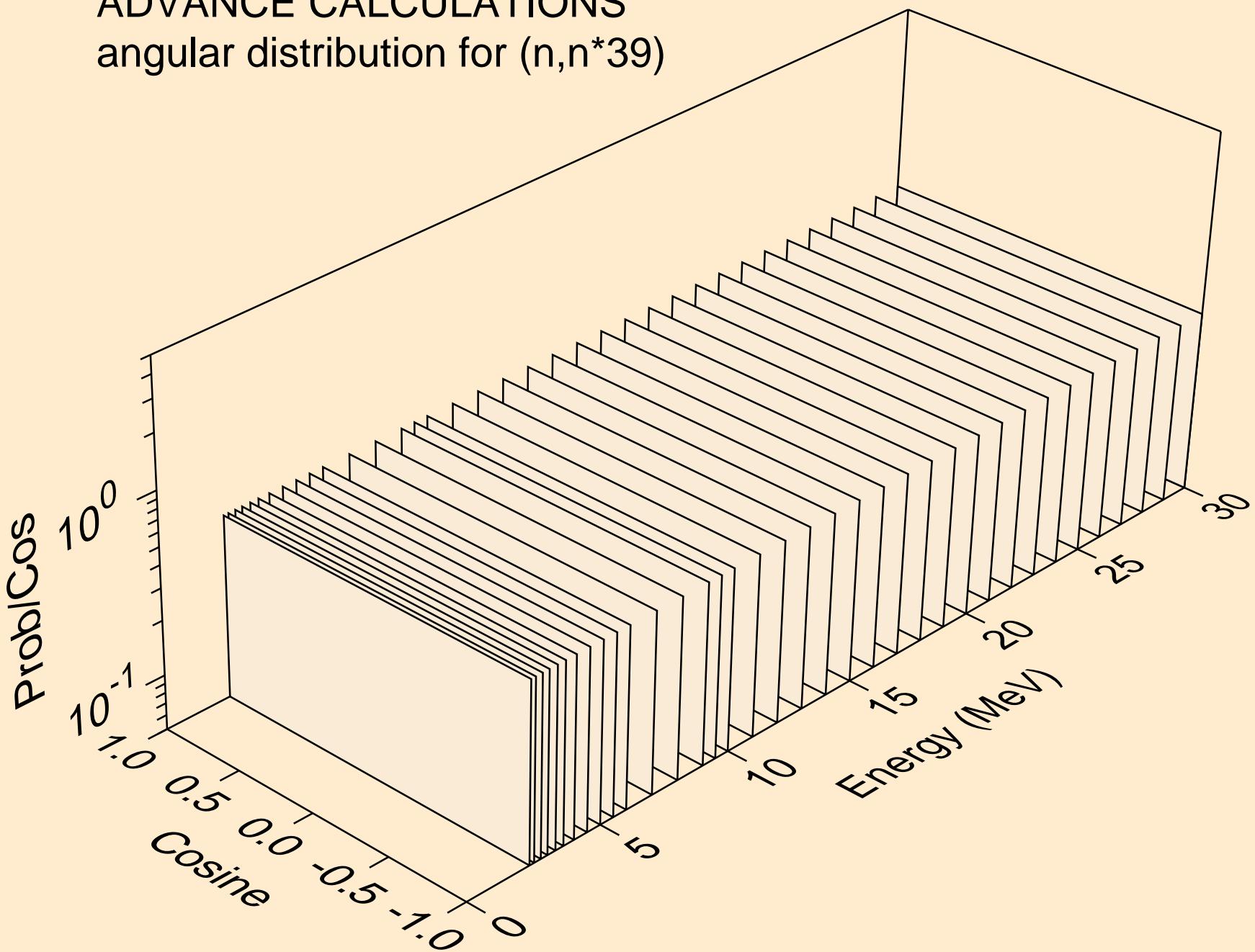
ADVANCE CALCULATIONS

angular distribution for (n,n*38)



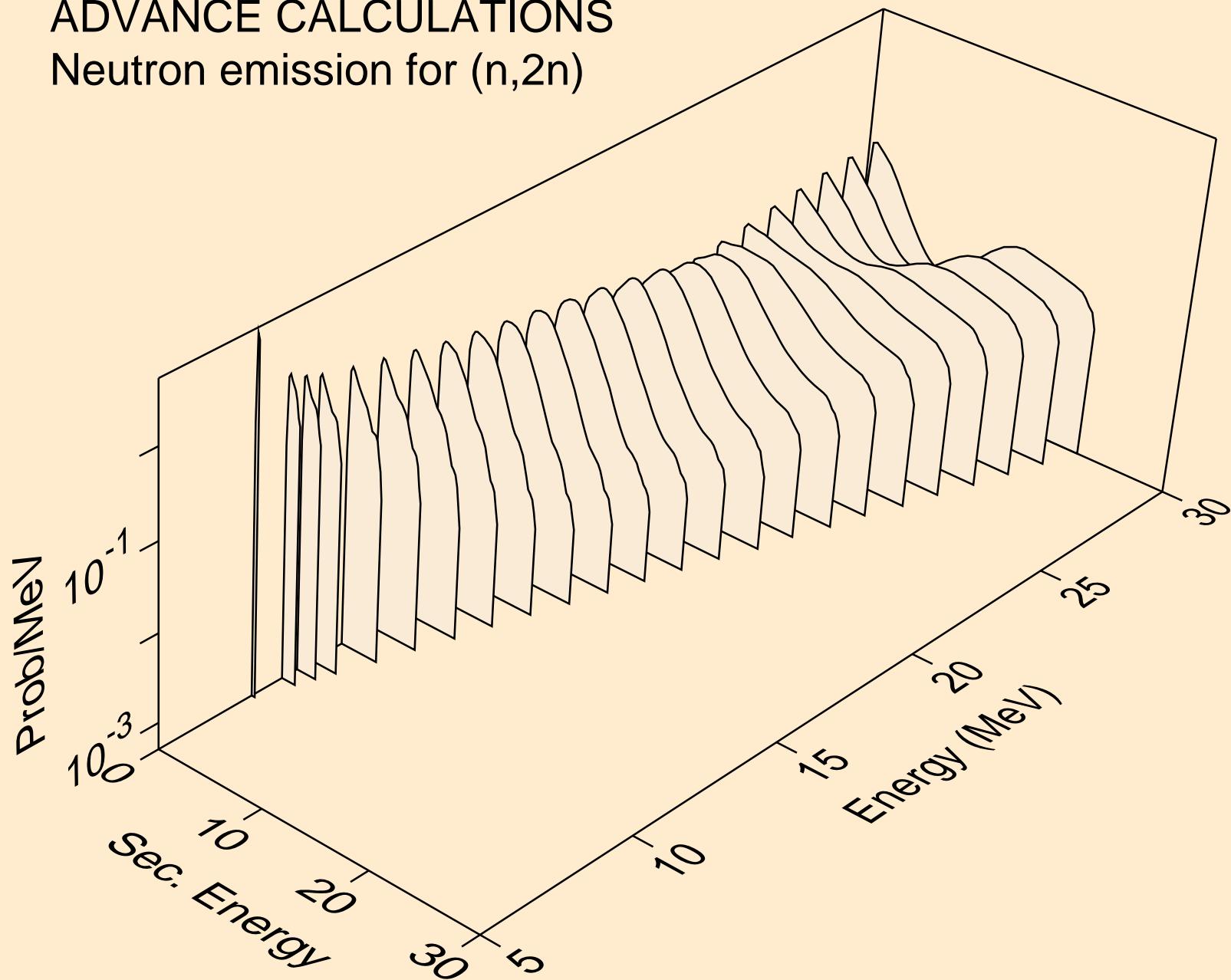
ADVANCE CALCULATIONS

angular distribution for (n, n^*39)



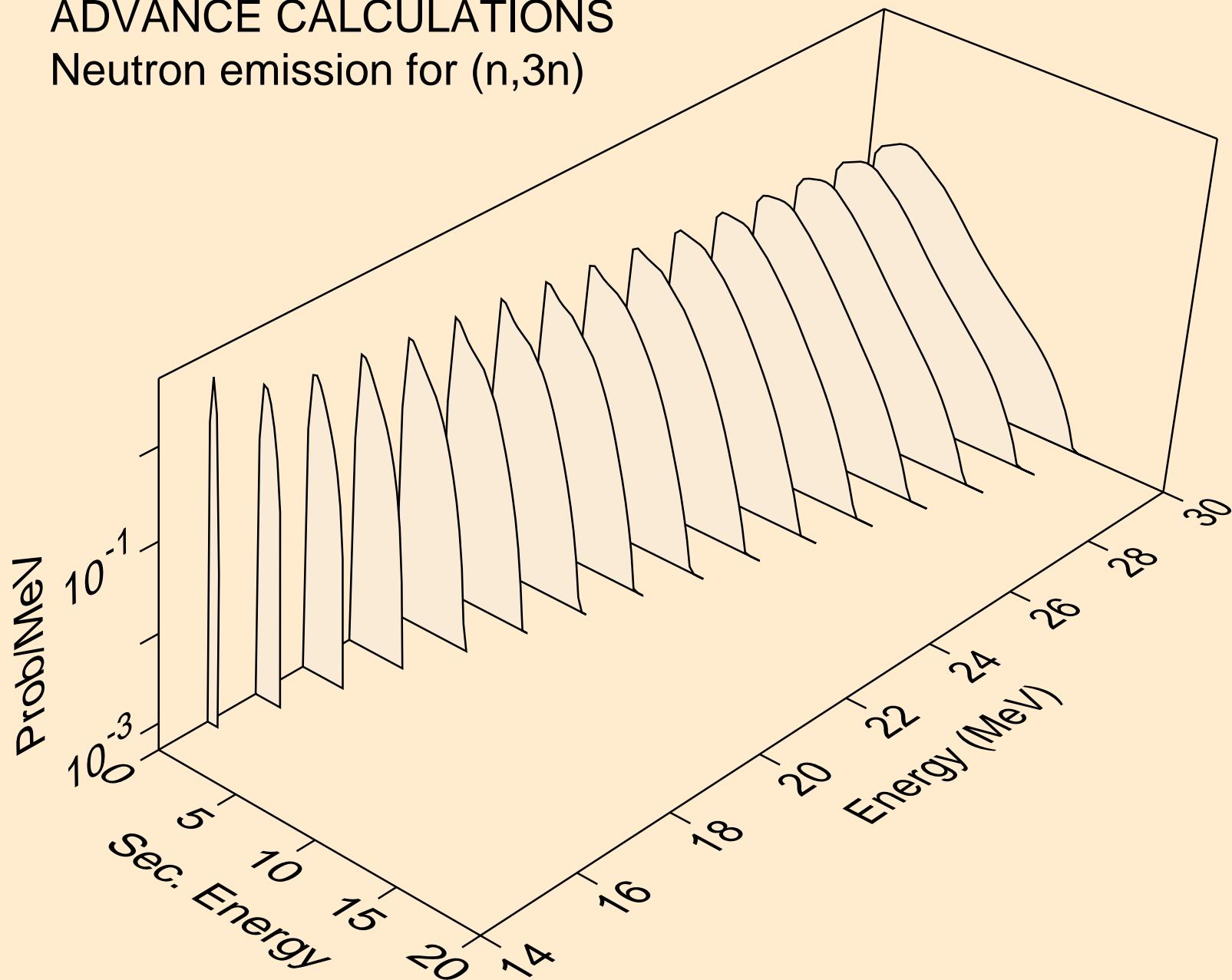
ADVANCE CALCULATIONS

Neutron emission for (n,2n)



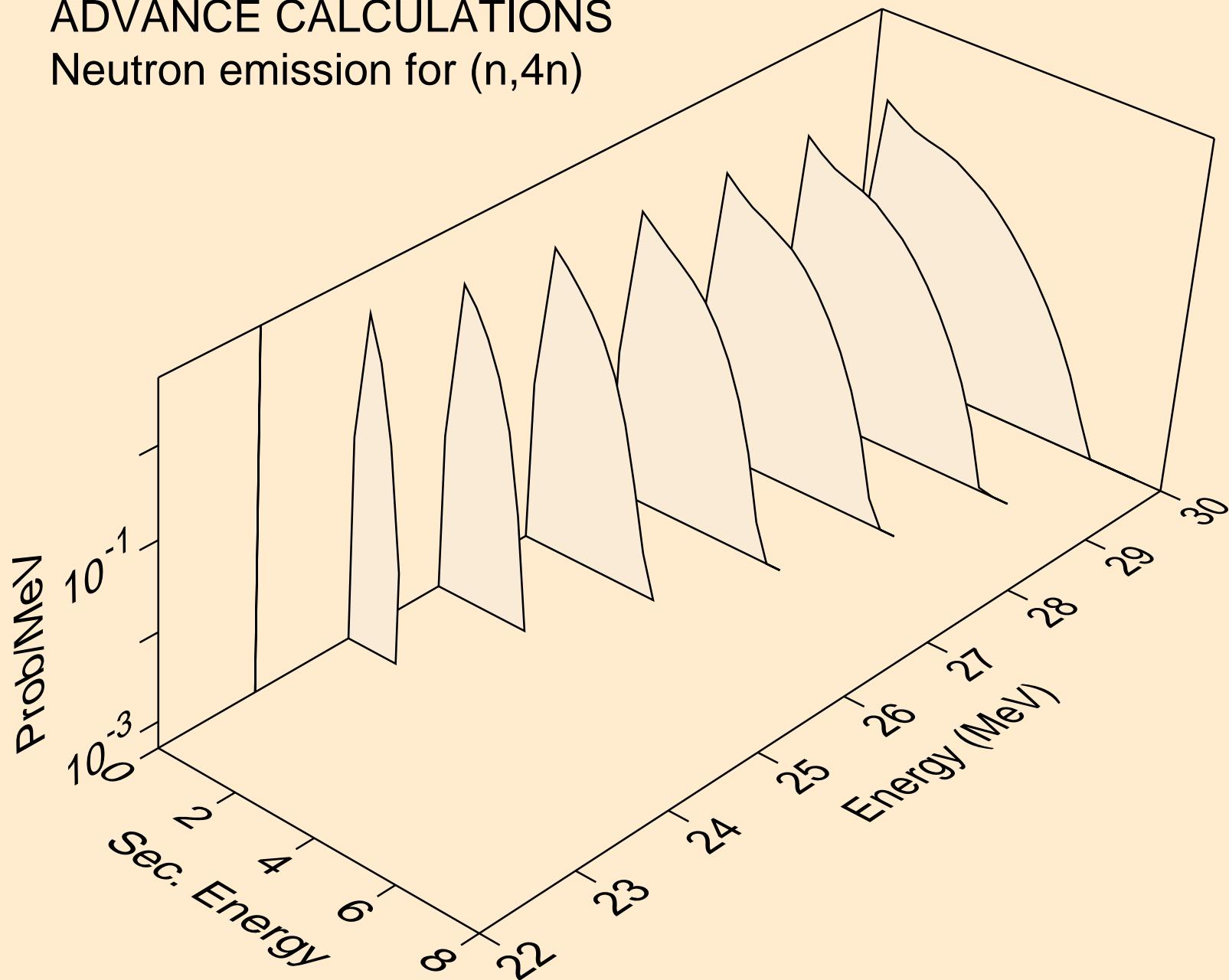
ADVANCE CALCULATIONS

Neutron emission for (n,3n)



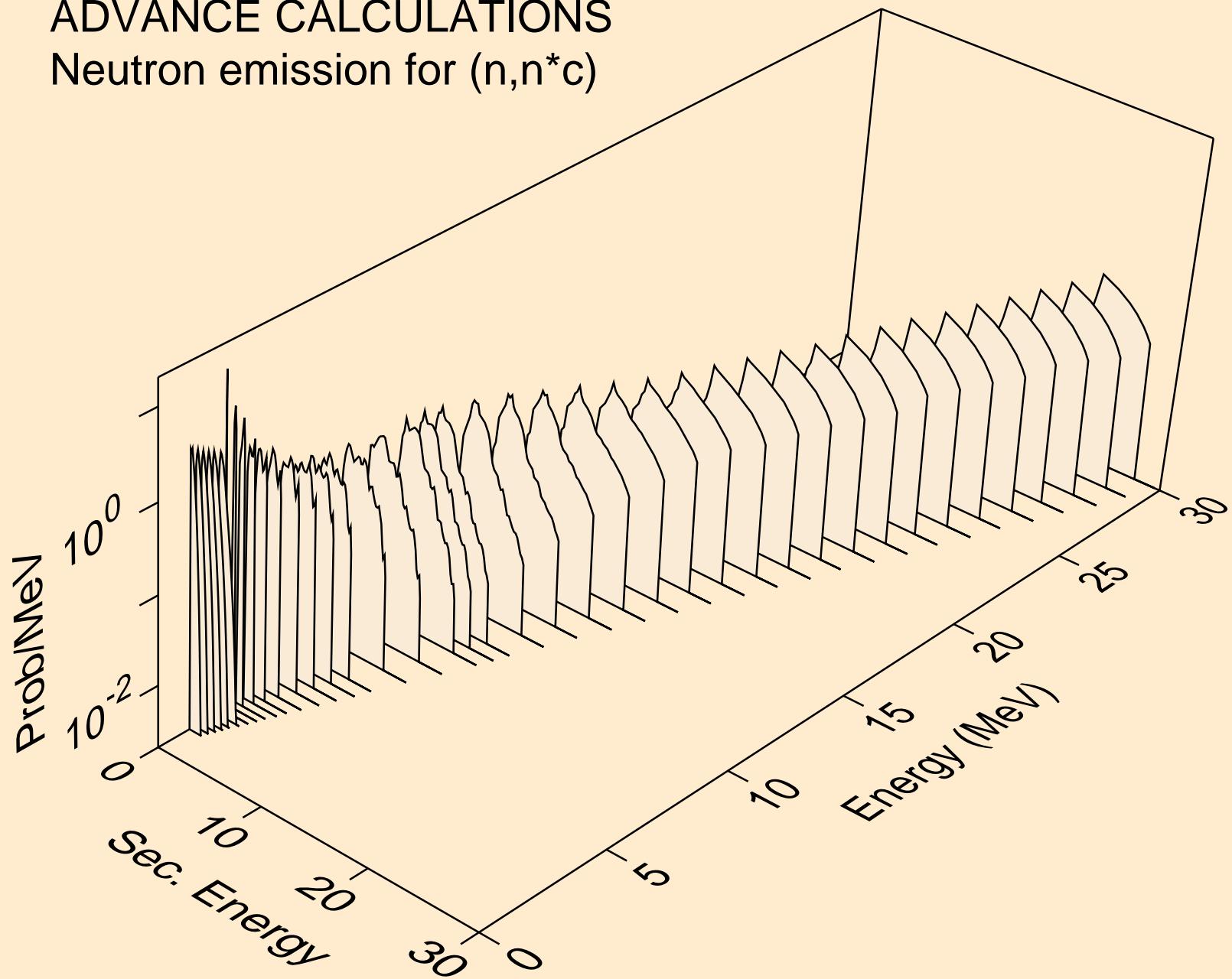
ADVANCE CALCULATIONS

Neutron emission for (n,4n)



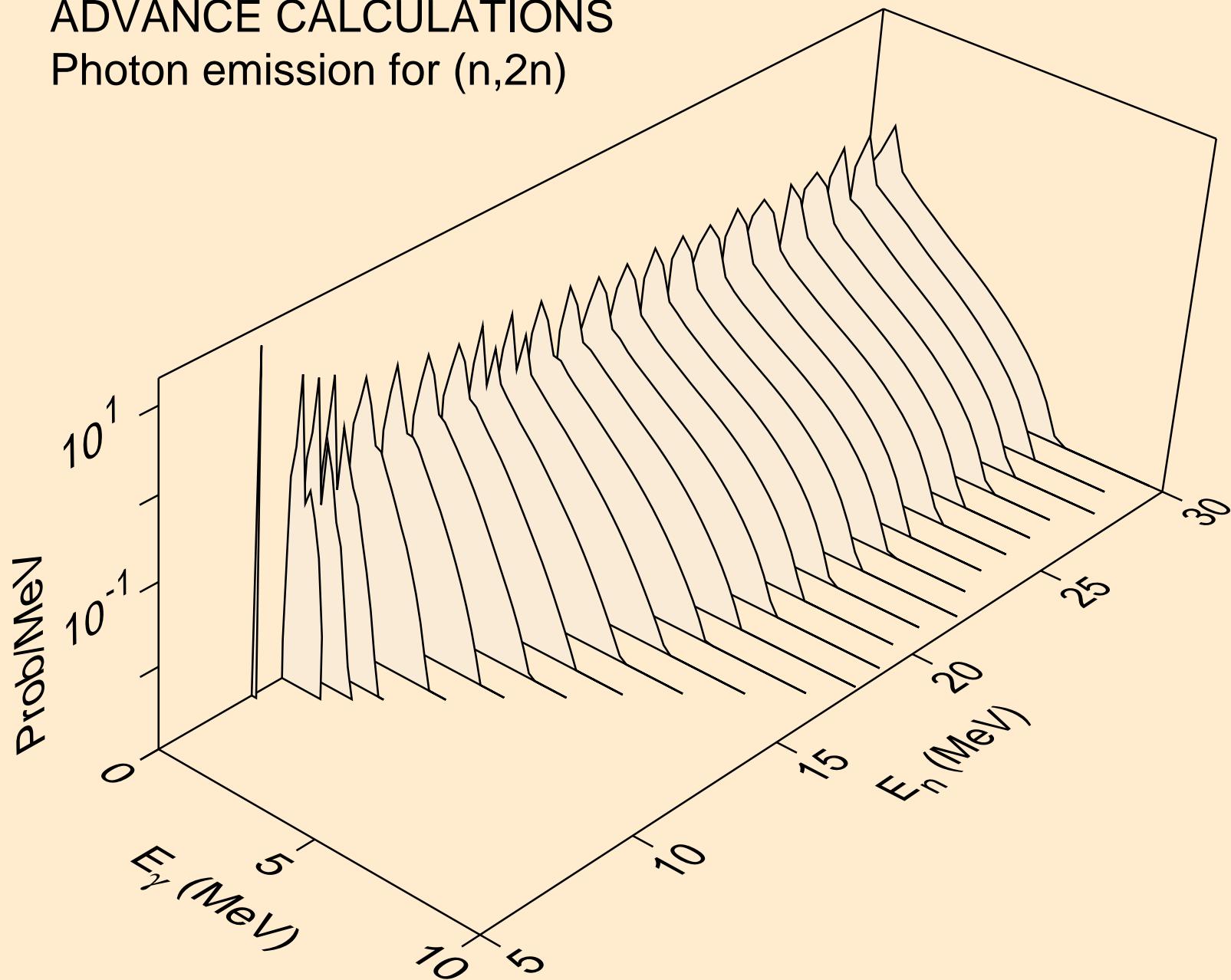
ADVANCE CALCULATIONS

Neutron emission for (n,n^*c)



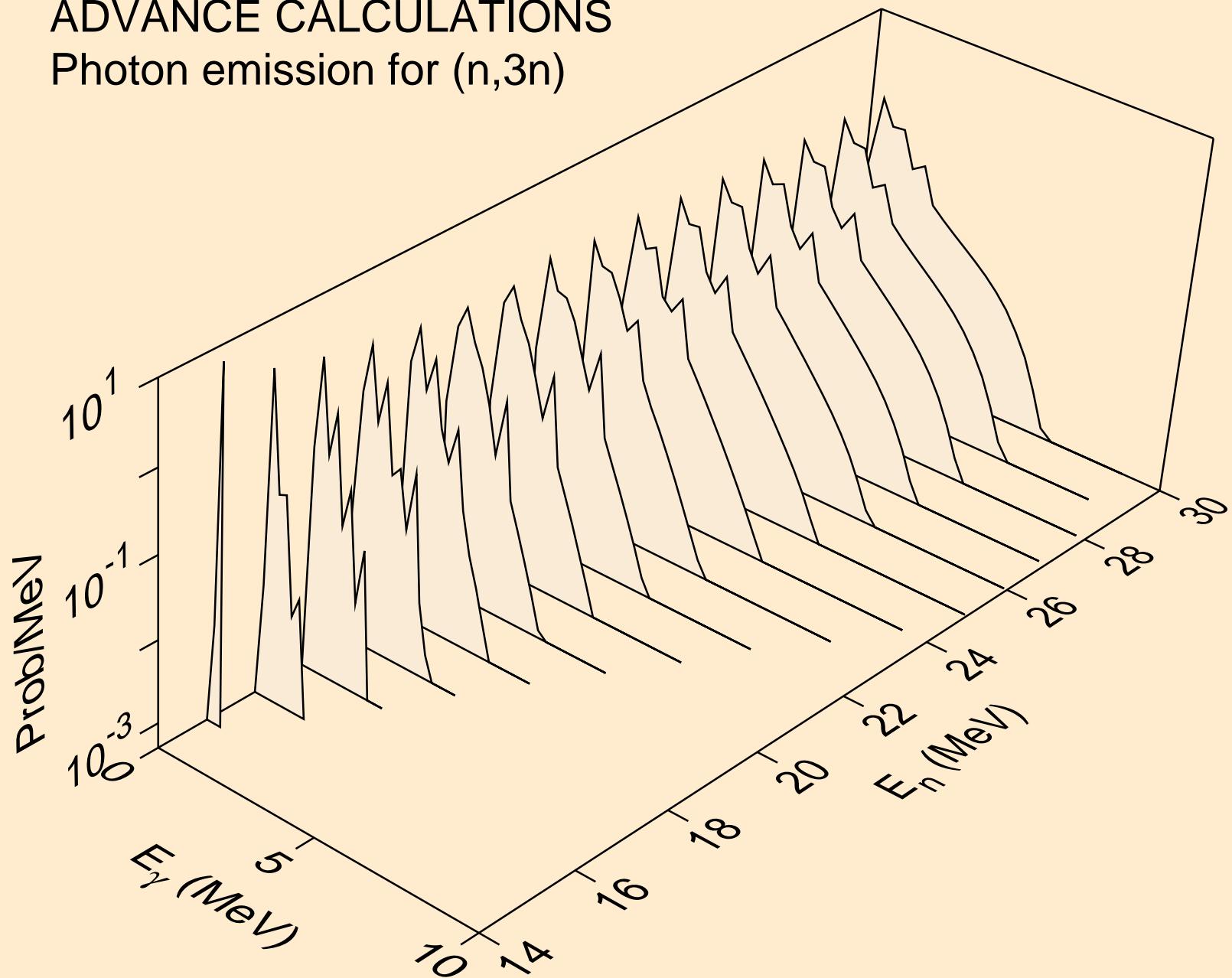
ADVANCE CALCULATIONS

Photon emission for (n,2n)



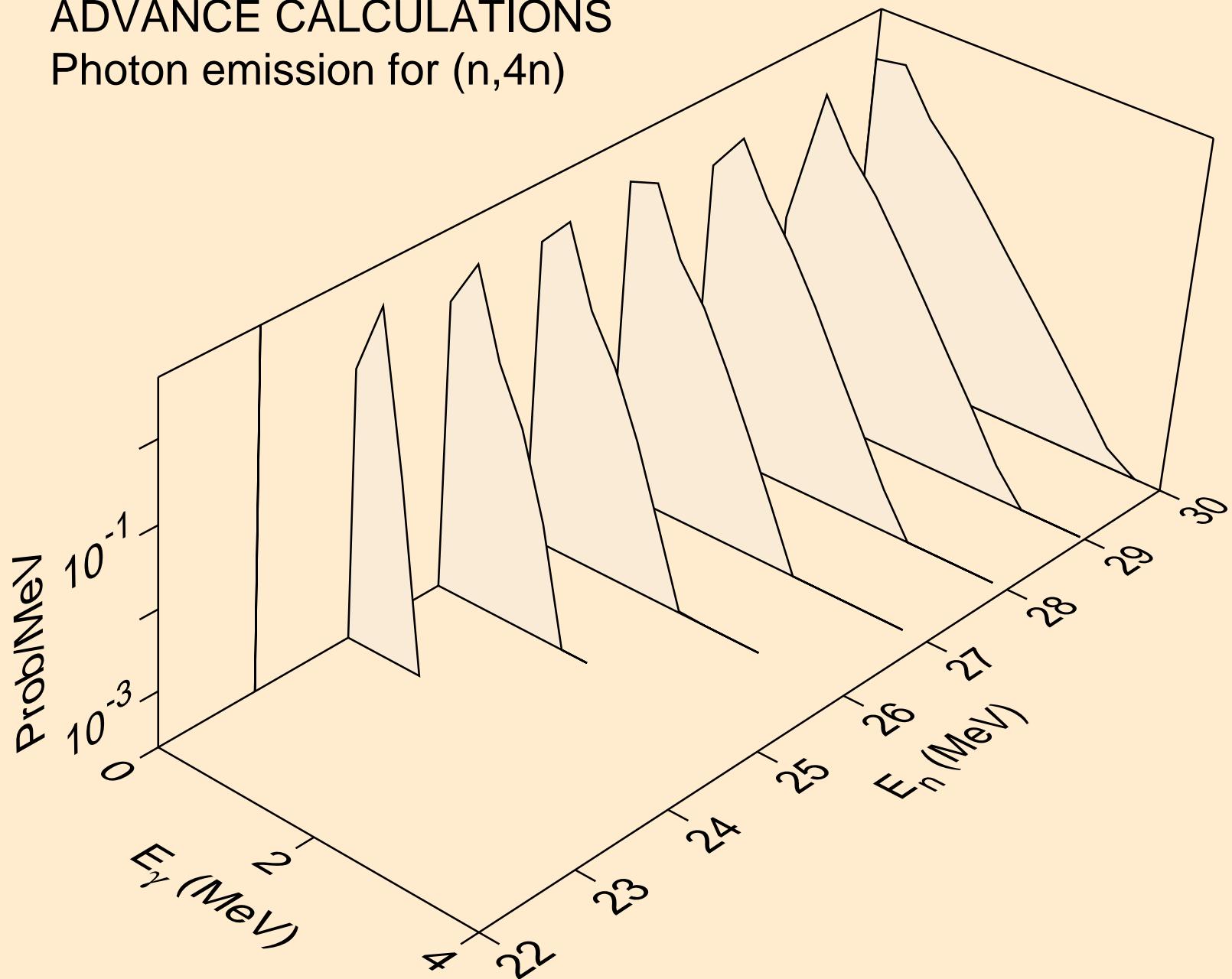
ADVANCE CALCULATIONS

Photon emission for (n,3n)



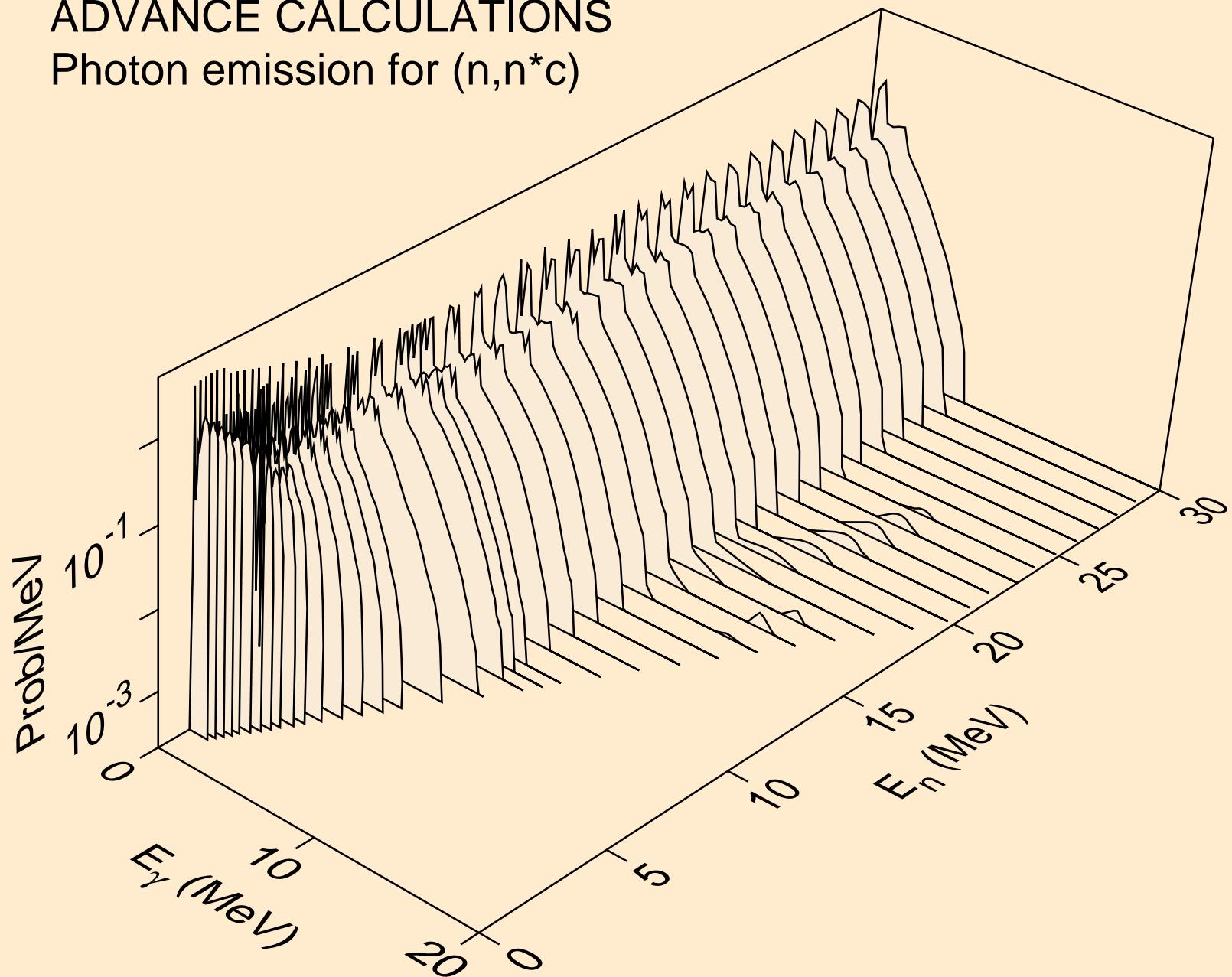
ADVANCE CALCULATIONS

Photon emission for (n,4n)



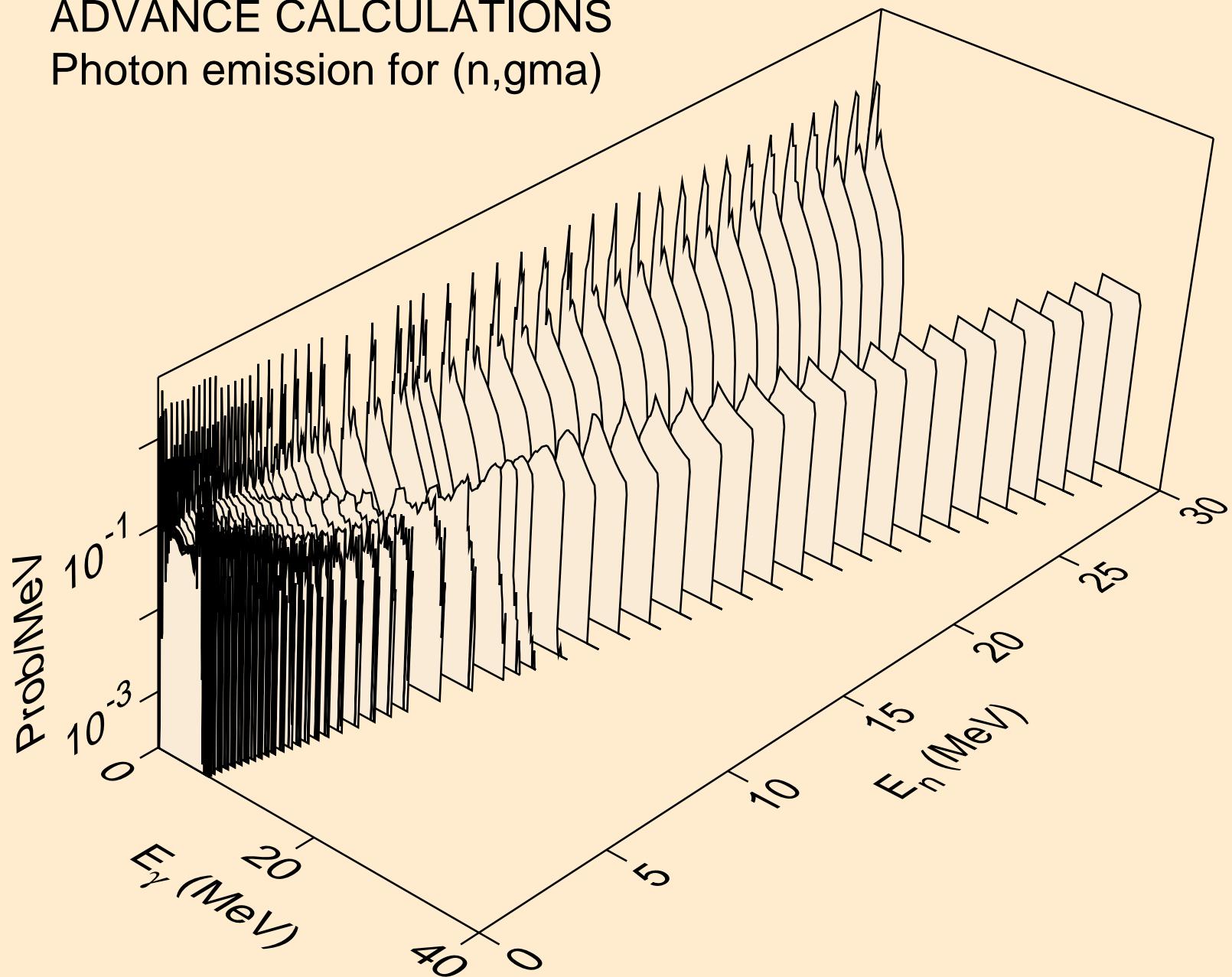
ADVANCE CALCULATIONS

Photon emission for (n,n^*c)



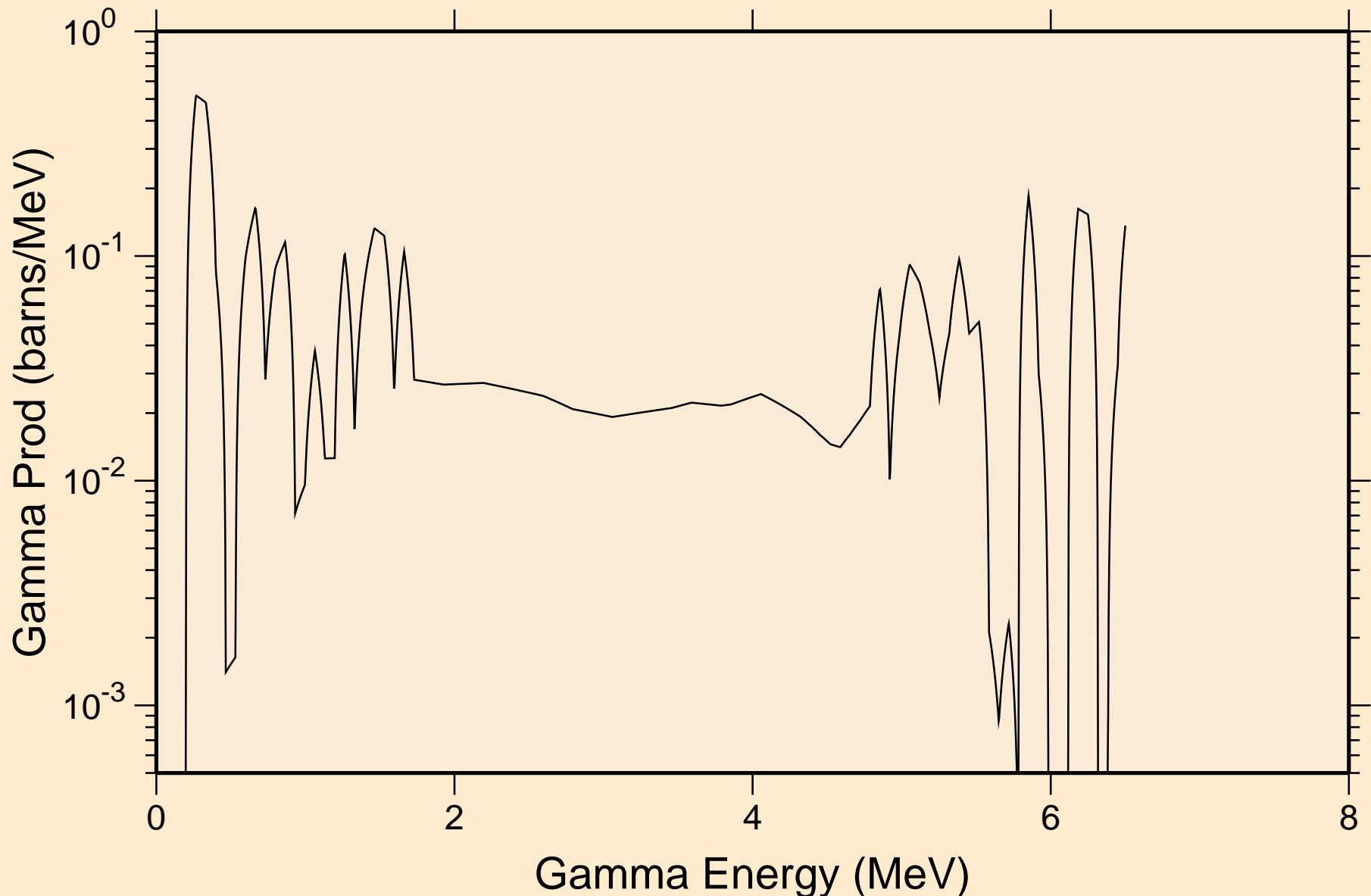
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Photon emission for (n,gma)



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thermal capture photon spectrum



ADVANCE CALCULATIONS
14 MeV photon spectrum

